



# Terminal blocks

## A - Screw clamp connection

### Summary

#### 1. Feed-through terminal blocks

|                                              |    |
|----------------------------------------------|----|
| Standard terminal blocks .....               | 16 |
| Single pole multiclamp terminal blocks ..... | 21 |
| Double deck terminal blocks .....            | 36 |
| Triple deck terminal blocks .....            | 43 |

#### 2. Three level sensor terminal blocks .....

#### 3. Terminal blocks for distribution boxes .....

#### 4. Interruptible terminal blocks for neutral circuit .....

#### 5. Ground terminal blocks


|                                                       |    |
|-------------------------------------------------------|----|
| Not electrically connected to the mounting rail ..... | 64 |
| Electrically connected to the mounting rail .....     | 66 |
| Ground + neutral terminal blocks PE.N type .....      | 70 |

#### 6. Heavy duty switch terminal blocks

|                                                  |    |
|--------------------------------------------------|----|
| Screw clamp with blades .....                    | 72 |
| Double screw clamp with blades .....             | 74 |
| Double deck with blades .....                    | 75 |
| Double switch with pull levers .....             | 76 |
| Screw clamp with removable plug .....            | 79 |
| Screw clamp with plug and AUTO fuse .....        | 81 |
| Screw clamp with push-turn knob (1/4 turn) ..... | 87 |

#### 7. Terminal blocks for metering/test circuits, ESSAILEC terminal blocks .....

#### 8. Fuse holder terminal blocks

|                                                                                                                                                             |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| For 5 x 20 and/or 5 x 25 mm fuses .....                                                                                                                     | 101 |
| For 5 x 20 and/or 5 x 25 mm fuses - Double deck with protection  ..... | 549 |
| For 6,35 x 25,4 and/or 6,35 x 32 mm fuses .....                                                                                                             | 108 |
| With neutral cartridge .....                                                                                                                                | 109 |
| For 8,5 x 31,5 mm fuses .....                                                                                                                               | 113 |
| For 10,3 x 38 mm fuses .....                                                                                                                                | 114 |
| For 10,3 x 38 mm and DO1 - DO2 fuses .....                                                                                                                  | 116 |

#### 9. Safety connection screw clamp terminal blocks .....

#### 10. Component holder terminal blocks .....

#### 11. Miniblocks

|                                                             |     |
|-------------------------------------------------------------|-----|
| Screw clamp for DIN2 rail .....                             | 129 |
| Screw clamp base mount .....                                | 132 |
| Screw clamp switch miniblock for DIN2 rail .....            | 133 |
| Screw clamp fuse holder miniblock for DIN2 rail .....       | 134 |
| Screw clamp - quick connect miniblock for DIN2 rail .....   | 136 |
| Quick connect - quick connect miniblock for DIN2 rail ..... | 136 |
| Screw clamp - soldered miniblock for DIN2 rail .....        | 137 |
| Screw clamp - wire wrapping miniblock for DIN2 rail .....   | 138 |
| Screw clamp - soldered switch miniblock for DIN2 rail ..... | 138 |
| Soldered - soldered switch miniblock for DIN2 rail .....    | 139 |

# SCREW CLAMP TERMINAL BLOCKS

## TECHNICAL SPECIFICATIONS



### Labelling

Blocks can be identified using **pre-printed or made-to-measure markers**, in the form of tapes, which can be put into place both easily and rapidly.

**Marking ink resists chemical** (solvents, corrosives) and **mechanical** (abrasion, friction) attack.

### Terminal bars

The **copper alloy** terminal bar provides maximum **mechanical resistance** and **high electrical conductivity**.

### The ABB screw clamp

**Clamps are made from hardened steel and are anti-corrosion treated.** They combine strength and resistance to external attack (high resistance to saline mists) and comply with the IEC 68.2.34 standards.

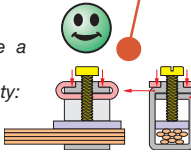


#### Traditional system :

Two metal elements that tend to shear off the screw whenever pressure is increased.

#### Anti-release system :

Distortion is limited to create a controlled locking-screw effect. The screw is locked in total safety: No re-tightening is required.



### Insulating material

Insulating material is in polyamide and contains no asbestos, cadmium, phosphor or halogen elements.

Manufactured to the **highest standards** (thermal resistance from -40 to +110°C) and with its **self-extinguishing** capacities it **complies with European directives (incandescent wire resistance in compliance with IEC standard 06095.2.11).**

Also available in a wide variety of colours.



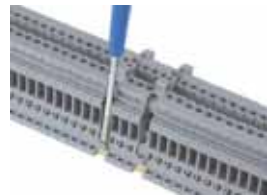
1



2



3



### Multi-function channels

With the **central multifunction channel**, **test plugs and jumper bars** (with screw or screw-less) and alternated jumper bars and labelling systems can be put in place.



### Alignment

Blocks are positioned side-by-side for an **aesthetic and functional** final set-up that only requires one type of flange.

The blocks are slightly asymmetrical to avoid any mistakes when fitting.



Insertion point for guiding the conductor to the clamp.

Flap under the clamp to prevent the conductor from being pushed underneath the clamp by mistake.

### Locking pin

- Simple and rapid to use for locking up to ten blocks in position at a time (1).
- Improved storage (2).
- Does not prevent individual blocks from being removed (3).
- Eliminates any risk of mistake during assembly.

## SCREW CLAMP CONNECTION TECHNOLOGY

**entelec**® Terminal Blocks has over 50 years' experience in screw clamp connections. A standard system produced in billions of models, this technology can be found on a very wide range of products.

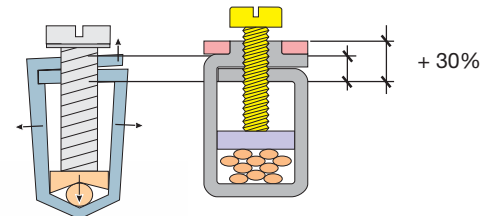
### Safety

The connection's reliability and long life are ensured by :

- The excellent contact pressure provided by the steel clamp.
- High resistance to corrosion offered by dichromate zinc surface treatment.
- Any conductor creep compensated by the resilience of the clamp.
- High resistance to thread destruction, as the threads are approximately 30% longer than on traditional clamps.

### Principle

The conductor is pressed against a copper conductor strip by screw/clamp system that creates an extremely high contact pressure.



### ABB clamp

Clamps are made from hardened steel and are anti-corrosion treated.

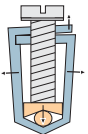
They combine strength and resistance to external attack (high resistance to saline mists) and comply with IEC 68.2.34 standards.



A flap prevents conductors from being inserted beneath the clamp by accident.

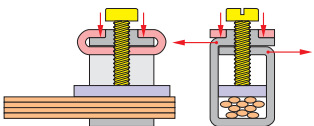
Connections comply with IEC standard 68.2.34.

- Vibration:
- 20 - 20 000 Hz
  - 0.005 g<sup>2</sup> / Hz (3.2g RMS)
  - Duration 5h / phase
- Temperature:
- Cycles from -25°C to 70°C
  - Variation 6°C / min



Traditional system :

Two metal elements that tend to shear off the screw whenever pressure is increased.



Anti-release system :

Distortion is limited to create a controlled locking-screw effect. The screw is locked in total safety: No re-tightening is required.



### Simplicity

Screw connections are used on all types of products and are recognised by all users.

They can also be used for connecting flexible conductors of up to 240 mm<sup>2</sup> without ferrules.

# Standard terminal blocks

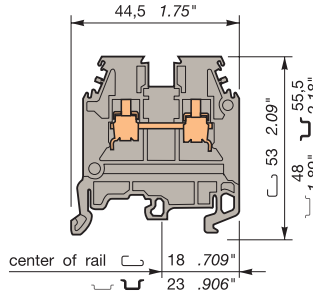
## Screw clamp



DIN 1 - 3

## MA 2,5/5...

Spacing 5 mm + 0,08 (.200")



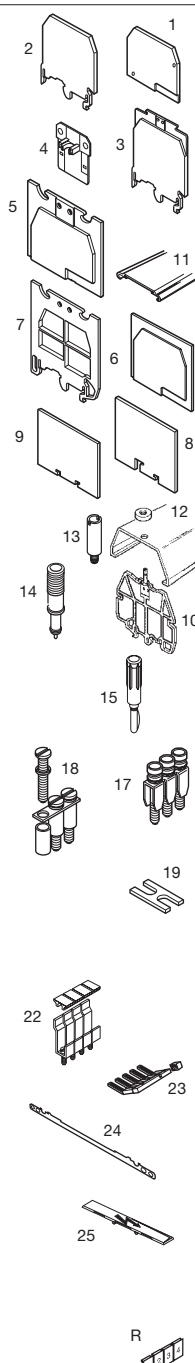
Standard 5 mm block.

1SNA 115 486 R0300



| Colour                 | Type        | Part numbers       |
|------------------------|-------------|--------------------|
| <b>Standard blocks</b> |             |                    |
| Grey                   | MA 2,5/5    | 1SNA 115 486 R0300 |
| Blue                   | MA 2,5/5.N  | 1SNA 125 486 R0500 |
| Yellow                 | MA 2,5/5    | 1SNA 105 486 R1200 |
| Red                    | MA 2,5/5    | 1SNA 400 184 R2700 |
| Black                  | MA 2,5/5    | 1SNA 105 077 R2200 |
| White                  | MA 2,5/5    | 1SNA 105 052 R2100 |
| Orange                 | MA 2,5/5    | 1SNA 105 075 R2000 |
| Beige V0               | MA 2,5/5.V0 | 1SNA 195 486 R0400 |

### Accessories



| Accessories                              | Type                                                                                                                                                                                                                      | Part numbers                                                                                                                                                                                                                                                                                                    |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 End section                            | grey<br>blue<br>orange<br>yellow<br>green<br>white<br>beige<br>black                                                                                                                                                      | FEM6 th. 2,8 mm 1SNA 118 368 R1600<br>FEM6 th. 2,8 mm 1SNA 128 368 R1000<br>FEM6 th. 2,8 mm 1SNA 103 126 R1600<br>FEM6 th. 2,8 mm 1SNA 103 062 R2100<br>FEM6 th. 2,8 mm 1SNA 103 125 R1500<br>FEM6 th. 2,8 mm 1SNA 103 312 R2000<br>FEM6 V0 th. 2,8 mm 1SNA 198 368 R1700<br>FEM6 th. 2,8 mm 1SNA 107 005 R2500 |
| 2 End section                            | grey                                                                                                                                                                                                                      | FEM61 (2) th. 3,0 mm 1SNA 114 776 R2300                                                                                                                                                                                                                                                                         |
| 3 End section                            | grey                                                                                                                                                                                                                      | FEM6C (2) th. 3,0 mm 1SNA 114 777 R2400                                                                                                                                                                                                                                                                         |
| 4 Circuit separator                      | grey                                                                                                                                                                                                                      | SCMA5 1SNA 116 728 R2500                                                                                                                                                                                                                                                                                        |
| 5 Separator end section                  | grey<br>blue<br>beige                                                                                                                                                                                                     | SCF6 th. 3,0 mm 1SNA 118 707 R0300<br>SCF6 th. 3,0 mm 1SNA 128 707 R0500<br>SCF6 V0 th. 3,0 mm 1SNA 198 707 R0400                                                                                                                                                                                               |
| 6 Separator end section                  | grey                                                                                                                                                                                                                      | SCF61 th. 3,0 mm 1SNA 114 202 R2500                                                                                                                                                                                                                                                                             |
| 7 Separator end section                  | grey                                                                                                                                                                                                                      | SCFM6 (2) th. 3,0 mm 1SNA 114 825 R0500                                                                                                                                                                                                                                                                         |
| 8 Separator end section                  | grey                                                                                                                                                                                                                      | SCFEX1 (2) th. 2,4 mm 1SNA 103 619 R0400                                                                                                                                                                                                                                                                        |
| 9 Separator end section                  | grey                                                                                                                                                                                                                      | SCFEX3 (2) th. 2,4 mm 1SNA 103 620 R0100                                                                                                                                                                                                                                                                        |
| 10 Separator end section (for cover CPV) | grey                                                                                                                                                                                                                      | SCFCV1-2 (2) th. 3,0 mm 1SNA 116 795 R1100<br>SCFCV1-2 V0 (2)V0 th. 3,0 mm 1SNA 196 795 R1200                                                                                                                                                                                                                   |
| 11 Protective cover                      | CPM (for FEM6C, SCF6(V0) and SCFM6)                                                                                                                                                                                       | 1SNA 187 312 R1400                                                                                                                                                                                                                                                                                              |
| 12 Protective cover                      | CPV1-2 (for SCFCV1-2...)                                                                                                                                                                                                  | 1SNA 176 816 R1200                                                                                                                                                                                                                                                                                              |
| 13 Test socket                           | AL2 (1) DIA. 2 mm                                                                                                                                                                                                         | 1SNA 163 046 R2400                                                                                                                                                                                                                                                                                              |
| 14 Test device                           | DCB blue                                                                                                                                                                                                                  | 1SNA 105 028 R2100                                                                                                                                                                                                                                                                                              |
| 15 Test plug                             | FC2 DIA. 2 mm                                                                                                                                                                                                             | 1SNA 007 865 R2600                                                                                                                                                                                                                                                                                              |
| 17 Assembled jumper bar                  | 24 A BJM5 (1) 2 poles 1SNA 176 278 R1600<br>24 A BJM5 (1) 3 poles 1SNA 176 279 R1700<br>24 A BJM5 (1) 4 poles 1SNA 176 280 R0500<br>24 A BJM5 (1) 5 poles 1SNA 176 281 R2200<br>24 A BJM5 (1) 10 poles 1SNA 176 282 R2300 |                                                                                                                                                                                                                                                                                                                 |
| 18 Jumper bar not assembled              | 24 A BJS5 (1) 20 poles 1SNA 177 652 R0600                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                 |
| Post + screw + washer                    | EV5 1SNA 168 629 R1600                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                 |
| 19 Connector plate                       | EL6 1SNA 173 627 R2100                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                 |
| 22 Alternated jumper bar                 | 24 A BJA5 10 poles 1SNA 205 021 R2600<br>24 A BJA5.30 30 poles 1SNA 205 197 R2400                                                                                                                                         |                                                                                                                                                                                                                                                                                                                 |
| 23 Comb-type jumper bar                  | 30 A PC5 2 poles 1SNA 113 542 R1000<br>30 A PC5 10 poles 1SNA 113 544 R1200<br>Insulating tip EIP 1SNA 113 550 R2400                                                                                                      |                                                                                                                                                                                                                                                                                                                 |
| 24 Shield connector                      | CBM5 th. 0,5 mm 1SNA 178 745 R1400<br>CBM8 th. 0,8 mm 1SNA 178 746 R1500                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                 |
| 25 Protection label                      | EPU5 1SNA 107 033 R1000                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                 |

refer to the section "Special Applications" for part numbers and characteristics.

**Test connector : refer to section connectors**

|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Characteristics

| Connecting capacity  | IEC                      |     |  | UL        | CSA       |
|----------------------|--------------------------|-----|--|-----------|-----------|
|                      | NFC                      | DIN |  |           |           |
| Screw clamp Rigid    | 0,2-4 mm <sup>2</sup>    |     |  | 22-12 AWG | 22-12 AWG |
| Screw clamp Flexible | 0,22-2,5 mm <sup>2</sup> |     |  | 22-12 AWG | 22-12 AWG |

| Voltage           |        |       |       |
|-------------------|--------|-------|-------|
| Rated             | 1000 V | 600 V | 600 V |
| Impulse withstand | 8 kV   |       |       |
| Pollution degree  | 3      |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 24 A | 30 A | 25 A |

| Cross section     |                          |                |            |
|-------------------|--------------------------|----------------|------------|
| Rated / Gauge     | 2,5 mm <sup>2</sup> / A3 | 12 AWG         | 12 AWG     |
| Wire strip length | Recomm. Screwdriver      | Recomm. torque | Protection |
| 10 mm             | 3,5 mm                   | 0,4-0,6 Nm     | IP 20      |
| .39"              | .137"                    | 3.5-5.3 lb.in  | NEMA 1     |

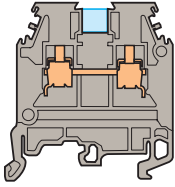
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**R** See section on marking method  
 Note : (1) A circuit separator SC may be required with the use of these accessories.  
 (2) End section and circuit separator snapped on rails.

**MA 2,5/5.1...**

Spacing 5 mm + 0,08 (.200")

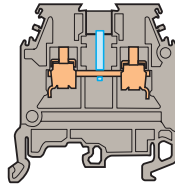


- Grey  **MA 2,5/5.1** 1SNA 115 485 R0200
- Blue  **MA 2,5/5.1.N** 1SNA 125 485 R0400

MA 2,5/5 blocks with partition.

**MA 2,5/5.2**

Spacing 5 mm + 0,08 (.200")



- Grey  1SNA 115 492 R0100

MA 2,5/5.1 equipped with a test socket DIA. 2 mm/.079"



| Type                                |               | Part numbers       | Part numbers             |
|-------------------------------------|---------------|--------------------|--------------------------|
| FEM6                                | th.2,8 mm     | 1SNA 118 368 R1600 | 1SNA 118 368 R1600       |
| FEM6                                | th.2,8 mm     | 1SNA 128 368 R1000 | 1SNA 128 368 R1000       |
| FEM6                                | th.2,8 mm     | 1SNA 103 126 R1600 | 1SNA 103 126 R1600       |
| FEM6                                | th.2,8 mm     | 1SNA 103 062 R2100 | 1SNA 103 062 R2100       |
| FEM6                                | th.2,8 mm     | 1SNA 103 125 R1500 | 1SNA 103 125 R1500       |
| FEM6                                | th.2,8 mm     | 1SNA 103 312 R2000 | 1SNA 103 312 R2000       |
| FEM6 V0                             | V0 th.2,8 mm  | 1SNA 198 368 R1700 | V0 1SNA 198 368 R1700    |
| FEM6                                | th.2,8 mm     | 1SNA 107 005 R2500 | 1SNA 107 005 R2500       |
| FEM61                               | (2) th.3,0 mm | 1SNA 114 776 R2300 | (2) 1SNA 114 776 R2300   |
| FEM6C                               | (2) th.3,0 mm | 1SNA 114 777 R2400 | (2) 1SNA 114 777 R2400   |
| SCF6                                | th.3,0 mm     | 1SNA 118 707 R0300 | 1SNA 118 707 R0300       |
| SCF6                                | th.3,0 mm     | 1SNA 128 707 R0500 | 1SNA 128 707 R0500       |
| SCF6 V0                             | V0 th.3,0 mm  | 1SNA 198 707 R0400 | V0 1SNA 198 707 R0400    |
| SCF61                               | th.3,0 mm     | 1SNA 114 202 R2500 | 1SNA 114 202 R2500       |
| SCFM6                               | (2) th.3,0 mm | 1SNA 114 825 R0500 | (2) 1SNA 114 825 R0500   |
| SCFEX1                              | (2) th.2,4 mm | 1SNA 103 619 R0400 | (2) 1SNA 103 619 R0400   |
| SCFEX3                              | (2) th.2,4 mm | 1SNA 103 620 R0100 | (2) 1SNA 103 620 R0100   |
| SCFCV1-2                            | (2) th.3,0 mm | 1SNA 116 795 R1100 | (2) 1SNA 116 795 R1100   |
| SCFCV1-2 V0(2)V0                    | th.3,0 mm     | 1SNA 196 795 R1200 | (2)V0 1SNA 196 795 R1200 |
| CPM (for FEM6C, SCF6(V0) and SCFM6) |               | 1SNA 187 312 R1400 | 1SNA 187 312 R1400       |
| CPV1-2 (for SCFCV1-2...)            |               | 1SNA 176 816 R1200 | 1SNA 176 816 R1200       |
| AL2                                 | DIA. 2 mm     | 1SNA 163 046 R2400 |                          |
| DCB                                 | blue          | 1SNA 105 028 R2100 | 1SNA 105 028 R2100       |
| FC2                                 | DIA. 2 mm     | 1SNA 007 865 R2600 | 1SNA 007 865 R2600       |
| BJMI5                               | (3) 2 poles   | 1SNA 176 278 R1600 |                          |
| BJMI5                               | (3) 3 poles   | 1SNA 176 279 R1700 |                          |
| BJMI5                               | (3) 4 poles   | 1SNA 176 280 R0500 |                          |
| BJMI5                               | (3) 5 poles   | 1SNA 176 281 R2200 |                          |
| BJMI5                               | (3) 10 poles  | 1SNA 176 282 R2300 |                          |
| BJS5                                | (3) 20 poles  | 1SNA 177 652 R0600 |                          |
| EV5                                 |               | 1SNA 168 629 R1600 |                          |
| EL6                                 |               | 1SNA 173 627 R2100 |                          |
| BJA5                                | 10 poles      | 1SNA 205 021 R2600 | 1SNA 199 466 R2300       |
| BJA5.30                             | 30 poles      | 1SNA 205 197 R2400 |                          |
| PC5                                 | 2 poles       | 1SNA 113 542 R1000 | 1SNA 113 542 R1000       |
| PC5                                 | 10 poles      | 1SNA 113 544 R1200 | 1SNA 113 544 R1200       |
| EIP                                 |               | 1SNA 113 550 R2400 | 1SNA 113 550 R2400       |
| CBM5                                | th.0,5 mm     | 1SNA 178 745 R1400 | 1SNA 178 745 R1400       |
| CBM8                                | th.0,8 mm     | 1SNA 178 746 R1500 | 1SNA 178 746 R1500       |
| EPU5                                |               | 1SNA 107 033 R1000 | 1SNA 107 033 R1000       |

RC55 - RC510 sides of blocks and RC510 only top of block

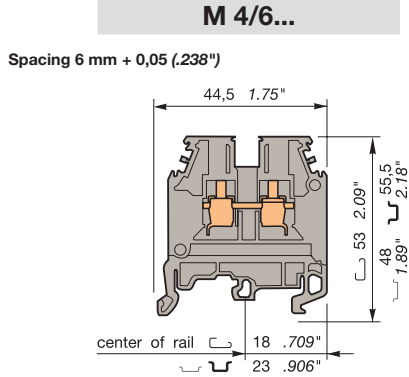
RC55 - RC510

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) End sections and circuit separators snapped on rails. (3) Use of these accessories requires the user to cut out the partition.

# Standard terminal blocks

## Screw clamp

DIN 1 - 3

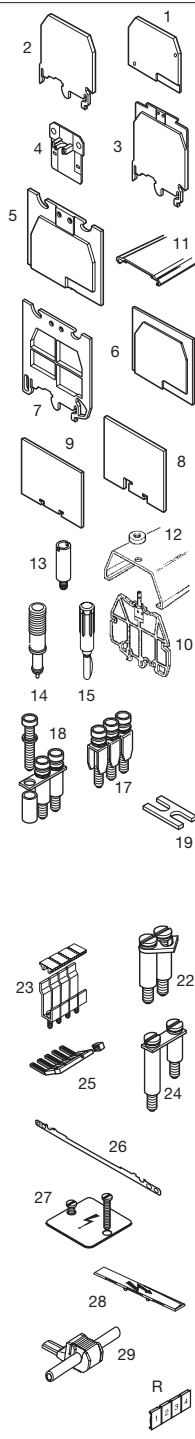


Standard 6 mm block 1SNA 115 116 R0700



| Colour                 | Type     | Part numbers       |
|------------------------|----------|--------------------|
| <i>Standard blocks</i> |          |                    |
| Grey                   | M 4/6    | 1SNA 115 116 R0700 |
| Blue                   | M 4/6.N  | 1SNA 125 116 R0100 |
| Orange                 | M 4/6    | 1SNA 105 002 R2000 |
| Yellow                 | M 4/6    | 1SNA 105 116 R1600 |
| Green                  | M 4/6    | 1SNA 105 001 R2700 |
| Red                    | M 4/6    | 1SNA 105 032 R1500 |
| Black                  | M 4/6    | 1SNA 105 031 R1400 |
| White                  | M 4/6    | 1SNA 105 051 R2000 |
| Brown                  | M 4/6    | 1SNA 105 209 R1400 |
| Purple                 | M 4/6    | 1SNA 206 404 R0500 |
| Beige V0               | M 4/6.V0 | 1SNA 195 116 R0000 |

### Accessories



| Type                                                    | Part numbers                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 End section                                           | grey FEM6 th. 2,8 mm 1SNA 118 368 R1600<br>blue FEM6 th. 2,8 mm 1SNA 128 368 R1000<br>orange FEM6 th. 2,8 mm 1SNA 103 126 R1600<br>yellow FEM6 th. 2,8 mm 1SNA 103 062 R2100<br>green FEM6 th. 2,8 mm 1SNA 103 125 R1500<br>white FEM6 th. 2,8 mm 1SNA 103 312 R2000<br>beige FEM6 V0 V0 th. 2,8 mm 1SNA 198 368 R1700<br>black FEM6 th. 2,8 mm 1SNA 107 005 R2500 |
| 2 End section                                           | grey FEM61 (3) th. 3,0 mm 1SNA 114 776 R2300                                                                                                                                                                                                                                                                                                                       |
| 3 End section                                           | grey FEM6C (3) th. 3,0 mm 1SNA 114 777 R2400                                                                                                                                                                                                                                                                                                                       |
| 4 Circuit separator                                     | grey SCM6 1SNA 113 003 R1000<br>blue SCM6 1SNA 123 003 R1200<br>beige SCM6 V0 V0 1SNA 193 003 R1100                                                                                                                                                                                                                                                                |
| 5 Separator end section                                 | grey SCF6 th. 3,0 mm 1SNA 118 707 R0300<br>blue SCF6 th. 3,0 mm 1SNA 128 707 R0500<br>beige SCF6 V0 V0 th. 3,0 mm 1SNA 198 707 R0400                                                                                                                                                                                                                               |
| 6 Separator end section                                 | grey SCF61 th. 3,0 mm 1SNA 114 202 R2500                                                                                                                                                                                                                                                                                                                           |
| 7 Separator end section                                 | grey SCFM6 (3) th. 3,0 mm 1SNA 114 825 R0500                                                                                                                                                                                                                                                                                                                       |
| 8 Separator end section                                 | grey SCFEX1 (3) th. 2,4 mm 1SNA 103 619 R0400                                                                                                                                                                                                                                                                                                                      |
| 9 Separator end section                                 | grey SCFEX3 (3) th. 2,4 mm 1SNA 103 620 R0100                                                                                                                                                                                                                                                                                                                      |
| 10 Separator end section (for cover CPV)                | grey SCFCV1-2 (3) th. 3,0 mm 1SNA 116 795 R1100<br>beige SCFCV1-2 V0(3)V0 th. 3,0 mm 1SNA 196 795 R1200                                                                                                                                                                                                                                                            |
| 11 Protective cover                                     | CPM (for FEM6C, SCF6(V0) and SCFM6) 1SNA 187 312 R1400                                                                                                                                                                                                                                                                                                             |
| 12 Protective cover                                     | CPV1-2 (for SCFCV1-2...) 1SNA 176 816 R1200                                                                                                                                                                                                                                                                                                                        |
| 13 Test socket                                          | AL2 (1) DIA. 2 mm 1SNA 163 043 R2100<br>AL3 (1) DIA. 3 mm 1SNA 163 261 R0000                                                                                                                                                                                                                                                                                       |
| 14 Test device                                          | DCJ yellow 1SNA 173 059 R0300                                                                                                                                                                                                                                                                                                                                      |
| 15 Test plug                                            | FC2 DIA. 2 mm 1SNA 007 865 R2600<br>FC4 DIA. 4 mm 1SNA 167 860 R0100                                                                                                                                                                                                                                                                                               |
| 17 Assembled jumper bar (with IP20 protection)          | 32 A BJMI6 (1) 2 poles 1SNA 176 663 R0000<br>32 A BJMI6 (1) 3 poles 1SNA 176 664 R0100<br>32 A BJMI6 (1) 4 poles 1SNA 176 665 R0200<br>32 A BJMI6 (1) 5 poles 1SNA 176 666 R0300<br>32 A BJMI6 (1) 10 poles 1SNA 176 667 R0400                                                                                                                                     |
| 18 Jumper bar not assembled Post + screw + washer IP 20 | 32 A BJS6 (1) 20 poles 1SNA 174 784 R2000<br>EV6I 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                               |
| 19 Connector plate                                      | 35 A EL6 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                        |
| 22 Pivoting jumper bar                                  | 35 A BJP6 (1) 1SNA 174 413 R1400                                                                                                                                                                                                                                                                                                                                   |
| 23 Alternated jumper bar                                | 35 A BJA6 (1) 10 poles 1SNA 116 541 R1200                                                                                                                                                                                                                                                                                                                          |
| 24 Universal jumper bar                                 | 50 A BJDP1 (1)(2) spacing 6 <-> spacing 16 1SNA 179 623 R0300<br>70 A BJDP3 (1)(2) spacing 6 <-> spacing 12 1SNA 179 625 R0500<br>50 A BJDP4 (1)(2) spacing 6 <-> spacing 8 or 10 1SNA 174 781 R2500                                                                                                                                                               |
| 25 Comb-type jumper bar                                 | 35 A PC6 (4) 2 poles 1SNA 113 546 R1400<br>35 A PC6 (4) 10 poles 1SNA 113 548 R2600<br>EIP 1SNA 113 550 R2400                                                                                                                                                                                                                                                      |
| 26 Shield connector                                     | Insulating tip<br>CBM5 th. 0,5 mm 1SNA 178 745 R1400<br>CBM8 th. 0,8 mm 1SNA 178 746 R1500                                                                                                                                                                                                                                                                         |
| 27 Protection label                                     | EP6 4 blocks 1SNA 163 427 R1700                                                                                                                                                                                                                                                                                                                                    |
| 28 Protection label                                     | VSP6 1SNA 163 433 R1500<br>EPU6 1SNA 107 038 R2500                                                                                                                                                                                                                                                                                                                 |
| 29 IDC jumper                                           | AD2,5 1SNA 114 205 R2000                                                                                                                                                                                                                                                                                                                                           |

refer to the section "Special Applications" for part numbers and characteristics.

**Test connector : refer to section connectors**

|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Characteristics

| Wire size   | Wire size   |                        |           |           |
|-------------|-------------|------------------------|-----------|-----------|
|             | IEC NFC DIN | UL                     | CSA       |           |
| Screw clamp | Rigid       | 0,2-4 mm <sup>2</sup>  | 24-10 AWG | 24-10 AWG |
|             | Flexible    | 0,22-4 mm <sup>2</sup> | 24-10 AWG | 24-10 AWG |

| Voltage           |        |       |       |
|-------------------|--------|-------|-------|
| Rated             | 1000 V | 600 V | 600 V |
| Impulse withstand | 8 kV   |       |       |
| Pollution degree  | 3      |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 30 A | 25 A |

| Wire size         |                        |                    |                  |
|-------------------|------------------------|--------------------|------------------|
| Rated / Gauge     | 4 mm <sup>2</sup> / A4 | 10 AWG             | 10 AWG           |
| Wire strip length | Recomm. 4 mm           | Recomm. 0,5-0,8 Nm | Protection IP 20 |
|                   | .37"                   | .157"              | NEMA 1           |

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**BJDP1** permits the interconnection with a terminal block series "M" spacing 16 mm.

**BJDP3** permits the interconnection with a terminal block series "M" spacing 12 mm.

**BJDP4** permits the interconnection with a terminal block series "D" spacing 8 mm or a terminal block series "M" spacing 8 or 10 mm.

**R** See section on markers marking method RC65 - RC610 RCT610

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) See "Notes". (3) End sections and separators snapped on rails. (4) See section : "Accessories" for other configurations of poles.

| M 4/6.T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | M 4/6.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M 4/6.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | M 4/6.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | M 4/6.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M 4/6.C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Spacing 6 mm + 0,05 (.238")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                |
| Grey □ 1SNA 115 224 R1300<br>Beige V0 □ 1SNA 195 224 R1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Grey □ 1SNA 115 259 R0600<br>Beige V0 □ 1SNA 195 259 R0700<br>Orange □ 1SNA 105 208 R1300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Grey □ 1SNA 115 217 R1400<br>Beige V0 □ 1SNA 195 217 R1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Grey □ 1SNA 115 268 R0700<br>Beige V0 □ 1SNA 195 268 R0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Grey □ 1SNA 115 192 R0400<br>Beige V0 □ 1SNA 195 192 R0500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Grey □ 1SNA 115 208 R0400<br>Beige V0 □ 1SNA 195 208 R0500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                |
| M 4/6 with 1 test socket screw DIA. 2 mm/.079" on the right                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M 4/6 with partition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M 4/6.1 equipped with a test socket DIA. 2 mm/.079"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M 4/6.1 equipped with a test socket DIA. 3 mm/.12"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M 4/6.1 equipped with a test socket DIA. 4 mm/.16"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M 4/6.1 equipped with a test socket DIA. 2,5 mm/.10" for connector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |
| UL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | UL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |
| Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Part numbers                                                                                                                                                                   |
| 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 173 059 R0300<br>1SNA 007 865 R2600 | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 167 860 R0100 | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500<br>(3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>(3) 1SNA 116 795 R1100<br>(3)V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>The terminal blocks M 4/6.C are equipped with a test socket DIA. 2,5 mm/.10" for connectors described in the section "Connectors". |                                                                                                                                                                                |
| 1SNA 176 663 R0000<br>(1) 1SNA 176 664 R0100<br>(1) 1SNA 176 665 R0200<br>(1) 1SNA 176 666 R0300<br>(1) 1SNA 176 667 R0400<br>(1) 1SNA 174 784 R2000<br>1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                          | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                      | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                      | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                                            | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1SNA 176 663 R0000<br>(5) 1SNA 176 664 R0100<br>(5) 1SNA 176 665 R0200<br>(5) 1SNA 176 666 R0300<br>(5) 1SNA 176 667 R0400<br>(5) 1SNA 174 784 R2000<br>(5) 1SNA 206 394 R0200 |
| 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |
| (1) 1SNA 174 413 R1400<br>(1) 1SNA 116 541 R1200<br>(1)(2) 1SNA 179 623 R0300<br>(1)(2) 1SNA 179 625 R0500<br>(1)(2) 1SNA 174 781 R2500<br>1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500<br>1SNA 163 427 R1700<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                                                                                                                                                                                       | (5) 1SNA 174 413 R1400<br>(5) 1SNA 116 541 R1200<br>(2)(5) 1SNA 179 623 R0300<br>(2)(5) 1SNA 179 625 R0500<br>(2)(5) 1SNA 174 781 R2500<br>1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500<br>1SNA 163 427 R1700<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                                                                                                                                                                                                                                                                               | 1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1SNA 113 546 R1400<br>1SNA 113 548 R2600<br>1SNA 113 550 R2400<br>1SNA 178 745 R1400<br>1SNA 178 746 R1500                                                                     |
| RC65 - RC610 RCT610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RC65 - RC610 RCT610(5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RC65 - RC610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RC65 - RC610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RC65 - RC610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RC65 - RC610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                |

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) See "Notes". (3) End sections and separators snapped on rails. (5) Use of these accessories requires the user to cut out the partition.

# Standard terminal blocks

## Screw clamp

DIN 1 - 3



|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Some accessories can decrease the block's voltage rating. For more information, consult us.

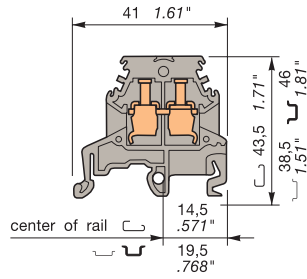
### Accessories

|  |                                            |                                           |                                   |                          |                                                                                                                       |
|--|--------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  | <b>1</b> End section                       | grey<br>blue<br>orange<br>yellow<br>beige | FEMS6                             | th. 3,0 mm               | 1SNA 113 885 R0100                                                                                                    |
|  | <b>2</b> Circuit separator                 | grey                                      | SCFEX1 (1)                        | th. 2,4 mm               | 1SNA 103 619 R0400                                                                                                    |
|  | <b>3</b> Circuit separator                 | grey                                      | SCFEX3 (1)                        | th. 2,4 mm               | 1SNA 103 620 R0100                                                                                                    |
|  | <b>4</b> Circuit separator (for CPV cover) | grey<br>beige                             | SCFCV1-2 (1)<br>SCFCV1-2 V0(1) V0 | th. 3,0 mm<br>th. 3,0 mm | 1SNA 116 795 R1100<br>1SNA 196 795 R1200                                                                              |
|  | <b>5</b> Protective cover                  |                                           | CPV1-2 (for SCFCV1-2...)          |                          | 1SNA 176 816 R1200                                                                                                    |
|  | <b>6</b> Test device                       |                                           | DCJ                               | yellow                   | 1SNA 173 059 R0300                                                                                                    |
|  | <b>7</b> Test plug                         |                                           | FC2                               | DIA. 2,0 mm              | 1SNA 007 865 R2600                                                                                                    |
|  | <b>8</b> Comb type jumper bar              |                                           | PC6                               | 35 A                     | 2 poles 1SNA 113 546 R1400<br>3 poles 1SNA 116 536 R0500<br>4 poles 1SNA 116 537 R0600<br>10 poles 1SNA 113 548 R2600 |
|  | <b>9</b> IDC jumper                        |                                           | EIP                               |                          | 1SNA 113 550 R2400                                                                                                    |
|  |                                            |                                           | AD2,5                             |                          | 1SNA 114 205 R2000                                                                                                    |

**R** See section on marking method

## MS 4/6...

Spacing 6 mm + 0,05 (.238")



Simplified 6 mm block (compact over-all dimensions)

| Colour   | Type             | Part numbers       |
|----------|------------------|--------------------|
| Grey     | <b>MS 4/6</b>    | 1SNA 115 265 R2400 |
| Blue     | <b>MS 4/6.N</b>  | 1SNA 125 265 R2600 |
| Orange   | <b>MS 4/6</b>    | 1SNA 105 013 R1200 |
| Yellow   | <b>MS 4/6</b>    | 1SNA 105 265 R0300 |
| Beige V0 | <b>MS 4/6.V0</b> | 1SNA 195 265 R2500 |

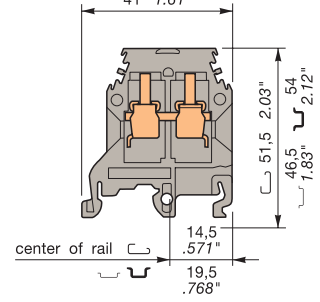
### Characteristics

| Wire size | Screw clamp            |           |           |
|-----------|------------------------|-----------|-----------|
|           | IEC NFC DIN            | UL        | CSA       |
| Rigid     | 0,2-4 mm <sup>2</sup>  | 22-10 AWG | 22-12 AWG |
| Flexible  | 0,22-4 mm <sup>2</sup> | 22-10 AWG | 22-12 AWG |

| Voltage               |                         |                    |            |
|-----------------------|-------------------------|--------------------|------------|
| Rated                 | 630 V                   | 600 V              | 300 V      |
| Impulse withstand     | 4 kV                    |                    |            |
| Pollution degree      | 3                       |                    |            |
| Current               |                         |                    |            |
| Rated                 | 32 A                    | 30 A               | 25 A       |
| Wire size             |                         |                    |            |
| Rated / Gauge         | 4 mm <sup>2</sup> / A4  | 10 AWG             | 12 AWG     |
| Wire stripping length | Recommended screwdriver | Recommended torque | protection |
| 10 mm                 | 4 mm                    | 0,5-0,8 Nm         | IP 20      |
| .39"                  | .157"                   | 4.4-7.1 lb.in      | NEMA 1     |

## MS 6/8...

Spacing 8 mm - 0,05 (.315")



Simplified 8 mm block (compact over-all dimensions)

| Colour | Type            | Part numbers       |
|--------|-----------------|--------------------|
| Grey   | <b>MS 6/8</b>   | 1SNA 115 278 R0100 |
| Blue   | <b>MS 6/8.N</b> | 1SNA 125 278 R0300 |
| Orange | <b>MS 6/8</b>   | 1SNA 105 014 R1300 |

### Characteristics

| Wire size | Screw clamp            |          |          |
|-----------|------------------------|----------|----------|
|           | IEC NFC DIN            | UL       | CSA      |
| Rigid     | 0,5-10 mm <sup>2</sup> | 22-8 AWG | 20-8 AWG |
| Flexible  | 0,5-6 mm <sup>2</sup>  | 22-8 AWG | 20-8 AWG |

| Voltage               |                         |                    |            |
|-----------------------|-------------------------|--------------------|------------|
| Rated                 | 500 V                   | 300 V              | 300 V      |
| Impulse withstand     | 6 kV                    |                    |            |
| Pollution degree      | 3                       |                    |            |
| Current               |                         |                    |            |
| Rated                 | 41 A                    | 50 A               | 40 A       |
| Wire size             |                         |                    |            |
| Rated / Gauge         | 6 mm <sup>2</sup> / A5  | 8 AWG              | 8 AWG      |
| Wire stripping length | Recommended screwdriver | Recommended torque | protection |
| 12 mm                 | 4-5 mm                  | 0,8-1 Nm           | IP 20      |
| .47"                  | .157" - .197"           | 7.1-8.9 lb.in      | NEMA 1     |

| Type                     | P/N                              |
|--------------------------|----------------------------------|
| FEMS8                    | th. 3,0 mm 1SNA 114 195 R0600    |
| FEMS8                    | th. 3,0 mm 1SNA 103 302 R0700    |
| SCFEX1 (1)               | th. 2,4 mm 1SNA 103 619 R0400    |
| SCFEX3 (1)               | th. 2,4 mm 1SNA 103 620 R0100    |
| SCFCV1-2 (1)             | th. 3,0 mm 1SNA 116 795 R1100    |
| SCFCV1-2 V0(1) V0        | th. 3,0 mm 1SNA 196 795 R1200    |
| CPV1-2 (for SCFCV1-2...) | 1SNA 176 816 R1200               |
| DCO                      | orange 1SNA 173 060 R0000        |
| FC2                      | DIA. 2,0 mm 1SNA 007 865 R2600   |
| PC8                      | 50 A 2 poles 1SNA 116 538 R1700  |
| PC8                      | 50 A 3 poles 1SNA 116 539 R1000  |
| PC8                      | 50 A 4 poles 1SNA 116 540 R2500  |
| PC8                      | 50 A 10 poles 1SNA 163 313 R2400 |
| AD2,5                    | 1SNA 114 205 R2000               |

Top of the block RC65 Side of the block RC65 - RC610  
Note : (1) End section and circuit separators snapped on rails

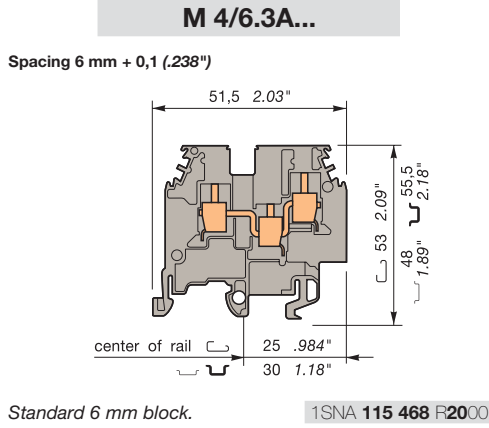
Top of the block RC65 Side of the block RC810



# Single pole, multiclamp terminal blocks

## Screw clamp

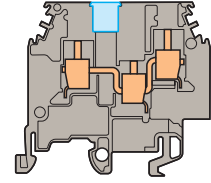
DIN 1 - 3



**Colour Type Part numbers**

*Standard blocks*

|                                |  |                    |                    |
|--------------------------------|--|--------------------|--------------------|
| Grey                           |  | <b>M 4/6.3A</b>    | 1SNA 115 468 R2000 |
| Blue                           |  | <b>M 4/6.3A.N</b>  | 1SNA 125 468 R2200 |
| Beige V0                       |  | <b>M 4/6.3A.V0</b> | 1SNA 195 468 R2100 |
| <i>M 4/6.3A with partition</i> |  |                    |                    |
| Grey                           |  | <b>M 4/6.3A.1</b>  | 1SNA 115 483 R0000 |



### Accessories

- 1 End section
- 2 Circuit separator
- 3 Test socket
- 4 Test device
- 5 Test plug

### Type Part numbers

|             |             |                    |
|-------------|-------------|--------------------|
| FEM3A       | th. 3,0 mm  | 1SNA 116 576 R1500 |
| FEM3A       | th. 3,0 mm  | 1SNA 126 576 R1700 |
| FEM3A       | th. 3,0 mm  | 1SNA 103 862 R2000 |
| FEM3A V0 V0 | th. 3,0 mm  | 1SNA 196 576 R1600 |
| SCM6        |             | 1SNA 113 003 R1000 |
| SCM6        |             | 1SNA 123 003 R1200 |
| SCM6        |             | 1SNA 103 020 R2300 |
| SCM6 V0 V0  |             | 1SNA 193 003 R1100 |
| AL2 (1)     | DIA. 2,0 mm | 1SNA 163 043 R2100 |
| AL3 (1)     | DIA. 3,0 mm | 1SNA 163 261 R0000 |
| DCJ         | yellow      | 1SNA 173 059 R0300 |
| FC2         | DIA. 2,0 mm | 1SNA 007 865 R2600 |

refer to the section "Special Applications" for part numbers and characteristics.

- 7 Assembled jumper bar (with IP 20 protection)
- 8 Jumper bar not assembled Post + screw + washer IP20

|              |          |                    |
|--------------|----------|--------------------|
| BJMI6 (1)(2) | 2 poles  | 1SNA 176 663 R0000 |
| BJMI6 (1)(2) | 3 poles  | 1SNA 176 664 R0100 |
| BJMI6 (1)(2) | 4 poles  | 1SNA 176 665 R0200 |
| BJMI6 (1)(2) | 5 poles  | 1SNA 176 666 R0300 |
| BJMI6 (1)(2) | 10 poles | 1SNA 176 667 R0400 |
| BJS6 (1)(2)  | 20 poles | 1SNA 174 784 R2000 |
| EV6I         |          | 1SNA 206 394 R0200 |

- 9 Connector plate

|     |  |                    |
|-----|--|--------------------|
| EL6 |  | 1SNA 173 627 R2100 |
|-----|--|--------------------|

- 12 Alternated jumper bar
- 13 Universal jumper bar
- 14 Pivoting jumper bar
- 15 Comb-type jumper bar

|                                            |          |                    |
|--------------------------------------------|----------|--------------------|
| BJA6 (1)(2)                                |          | 1SNA 116 541 R1200 |
| BJDP1 (1)(2) spacing 6 <-> spacing 16      |          | 1SNA 179 623 R0300 |
| BJDP3 (1)(2) spacing 6 <-> spacing 12      |          | 1SNA 179 625 R0500 |
| BJDP4 (1)(2) spacing 6 <-> spacing 8 or 10 |          | 1SNA 174 781 R2500 |
| BJP6 (1)(2)                                |          | 1SNA 174 413 R1400 |
| PC6                                        | 2 poles  | 1SNA 113 546 R1400 |
| PC6                                        | 3 poles  | 1SNA 116 536 R0500 |
| PC6                                        | 4 poles  | 1SNA 116 537 R0600 |
| PC6                                        | 10 poles | 1SNA 113 548 R2600 |
| EIP                                        |          | 1SNA 113 550 R2400 |
| AD2,5                                      |          | 1SNA 114 205 R2000 |

- 16 IDC jumper

|                |  |  |
|----------------|--|--|
| Insulating tip |  |  |
| AD2,5          |  |  |

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Characteristics

| Wire size   |          | IEC                    | UL        | CSA          |
|-------------|----------|------------------------|-----------|--------------|
|             |          | NFC DIN                |           |              |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-10 AWG | 12 AWG maxi. |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-10 AWG | 12 AWG maxi. |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 10 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP 20      |
| .37"               | .157"                  | 4,4-7,1 lb.in  | NEMA 1     |

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



**R** See section on marking

marking method

RC65 - RC610

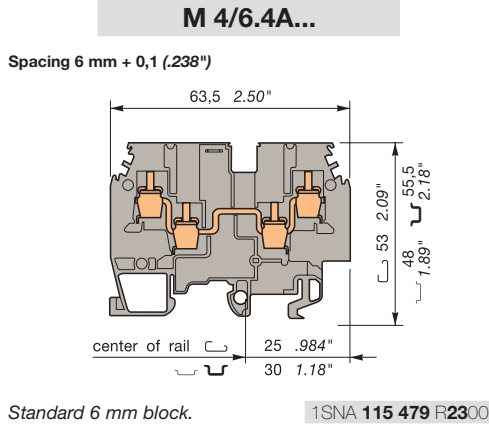
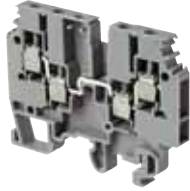
RCT610

Nota : (1) A circuit separator SC may be required with the use of these accessories.  
(2) Use of these accessories requires the user to cut out the partition of the terminal block M 4/6.3A.1.

# Single pole, multiclamp terminal blocks

## Screw clamp

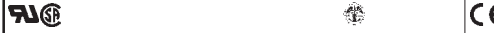
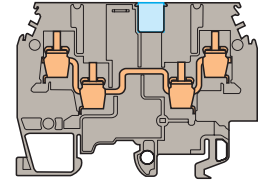
DIN 1 - 3



**Colour Type Part numbers**

**Standard blocks**

|                                |  |                    |                    |
|--------------------------------|--|--------------------|--------------------|
| Grey                           |  | <b>M 4/6.4A</b>    | 1SNA 115 479 R2300 |
| Blue                           |  | <b>M 4/6.4A.N</b>  | 1SNA 125 479 R2500 |
| Beige V0                       |  | <b>M 4/6.4A.V0</b> | 1SNA 195 479 R2400 |
| <b>M 4/6.4A with partition</b> |  |                    |                    |
| Grey                           |  | <b>M 4/6.4A.1</b>  | 1SNA 115 482 R0700 |



### Accessories

| Accessories                     |                            | Type                                                                                           | Part numbers                                                                                                                                                                                                                                                                                                                                |  |
|---------------------------------|----------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1<br>2<br>3<br>4<br>5           | 1 End section              | grey<br>blue<br>yellow<br>beige                                                                | FEM4A th. 3,0 mm 1SNA <b>116 629 R2200</b><br>FEM4A th. 3,0 mm 1SNA <b>126 629 R2400</b><br>FEM4A th. 3,0 mm 1SNA <b>103 863 R2100</b><br>FEM4A V0 V0 th. 3,0 mm 1SNA <b>196 629 R2300</b>                                                                                                                                                  |  |
|                                 | 2 Circuit separator        | grey<br>blue<br>yellow<br>beige                                                                | SCM6 1SNA <b>113 003 R1000</b><br>SCM6 1SNA <b>123 003 R1200</b><br>SCM6 1SNA <b>103 020 R2300</b><br>SCM6 V0 V0 1SNA <b>193 003 R1100</b>                                                                                                                                                                                                  |  |
|                                 | 3 Test socket              | AL2 (1) DIA. 2,0 mm 1SNA <b>163 043 R2100</b><br>AL3 (1) DIA. 3,0 mm 1SNA <b>163 261 R0000</b> |                                                                                                                                                                                                                                                                                                                                             |  |
|                                 | 4 Test device              | DCJ yellow 1SNA <b>173 059 R0300</b>                                                           |                                                                                                                                                                                                                                                                                                                                             |  |
|                                 | 5 Test plug                | FC2 DIA. 2,0 mm 1SNA <b>007 865 R2600</b>                                                      |                                                                                                                                                                                                                                                                                                                                             |  |
| 7<br>8                          | 7 Assembled jumper bar     | 32 A                                                                                           | BJM16 (1)(2) 2 poles 1SNA <b>176 663 R0000</b><br>BJM16 (1)(2) 3 poles 1SNA <b>176 664 R0100</b><br>BJM16 (1)(2) 4 poles 1SNA <b>176 665 R0200</b><br>BJM16 (1)(2) 5 poles 1SNA <b>176 666 R0300</b><br>BJM16 (1)(2) 10 poles 1SNA <b>176 667 R0400</b><br>BJS6 (1)(2) 20 poles 1SNA <b>174 784 R2000</b><br>EV6I 1SNA <b>206 394 R0200</b> |  |
|                                 | 8 Jumper bar not assembled | 32 A                                                                                           |                                                                                                                                                                                                                                                                                                                                             |  |
|                                 | Post + screw + washer IP20 |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |  |
| 9<br>12<br>13<br>14<br>15<br>16 | 9 Connector plate          |                                                                                                | EL6 1SNA <b>173 627 R2100</b>                                                                                                                                                                                                                                                                                                               |  |
|                                 | 12 Alternated jumper bar   | 35 A                                                                                           | BJA6 (1)(2) 1SNA <b>116 541 R1200</b>                                                                                                                                                                                                                                                                                                       |  |
|                                 | 13 Universal jumper bar    | 50 A                                                                                           | BJDP1 (1)(2) spacing 6 <-> spacing 16 1SNA <b>179 623 R0300</b><br>BJDP3 (1)(2) spacing 6 <-> spacing 12 1SNA <b>179 625 R0500</b><br>BJDP4 (1)(2) spacing 6 <-> spacing 8 or 10 1SNA <b>174 781 R2500</b>                                                                                                                                  |  |
|                                 | 14 Pivoting jumper bar     | 35 A                                                                                           | BJP6 (1)(2) 1SNA <b>174 413 R1400</b>                                                                                                                                                                                                                                                                                                       |  |
|                                 | 15 Comb-type jumper bar    | 35 A                                                                                           | PC6 2 poles 1SNA <b>113 546 R1400</b><br>PC6 3 poles 1SNA <b>116 536 R0500</b><br>PC6 4 poles 1SNA <b>116 537 R0600</b><br>PC6 10 poles 1SNA <b>113 548 R2600</b>                                                                                                                                                                           |  |
|                                 | Insulating tip             |                                                                                                | EIP 1SNA <b>113 550 R2400</b>                                                                                                                                                                                                                                                                                                               |  |
|                                 | 16 IDC jumper              |                                                                                                | AD2,5 1SNA <b>114 205 R2000</b>                                                                                                                                                                                                                                                                                                             |  |
|                                 |                            |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |  |
|                                 |                            |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |  |
|                                 |                            |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |  |

refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |                |    |                           |
|----------|--|---------------|----------------|----|---------------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA <b>399 903 R0200</b> |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA <b>206 351 R1600</b> |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA <b>296 351 R0000</b> |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA <b>174 300 R1700</b> |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA <b>168 500 R1200</b> |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA <b>168 700 R2200</b> |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA <b>163 050 R0400</b> |

Other end stops, rails and accessories : see section on accessories.

### Characteristics

**Wire size**

|             |          | IEC                    | UL        | CSA          |
|-------------|----------|------------------------|-----------|--------------|
|             |          | NFC DIN                |           |              |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-10 AWG | 12 AWG maxi. |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-10 AWG | 12 AWG maxi. |

**Voltage**

|                   | 800 V | 600 V | 600 V |
|-------------------|-------|-------|-------|
| Rated             |       |       |       |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

**Current**

| Rated | 32 A | 20 A | 25 A |
|-------|------|------|------|
|       |      |      |      |

**Wire size**

| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 10 AWG         | 12 AWG     |
|--------------------|------------------------|----------------|------------|
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP 20      |
| .37"               | .157"                  | 4.4-7.1 lb.in  | NEMA 1     |

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



**R** See section on marking marking method RC65 - RC610 RCT610

Nota : (1) A circuit separator SC may be required with the use of these accessories.  
(2) Use of these accessories requires the user to cut out the partition of the terminal block M 4/6.4A.1.

Notes



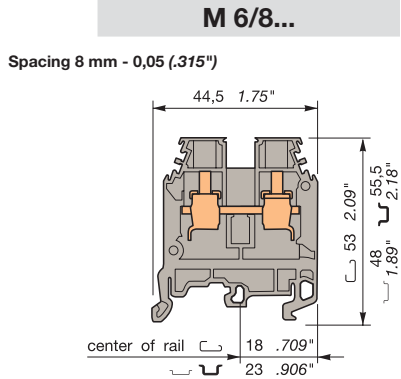
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# Standard terminal blocks

## Screw clamp



DIN 1 - 3



Standard 8 mm block. 1SNA 115 118 R1100



| Colour                | Type     | Part numbers       |
|-----------------------|----------|--------------------|
| <i>Standard block</i> |          |                    |
| Grey                  | M 6/8    | 1SNA 115 118 R1100 |
| Blue                  | M 6/8.N  | 1SNA 125 118 R1300 |
| Orange                | M 6/8    | 1SNA 105 004 R2200 |
| Yellow                | M 6/8    | 1SNA 105 118 R2000 |
| Red                   | M 6/8    | 1SNA 400 186 R1500 |
| Black                 | M 6/8    | 1SNA 400 239 R2100 |
| White                 | M 6/8    | 1SNA 400 187 R2200 |
| Beige V0              | M 6/8.V0 | 1SNA 195 118 R1200 |

refer to the section "Special Applications" for part numbers and characteristics.

Test connector : refer to section connectors

|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Characteristics

### Wire size

| Screw clamp | Rigid    | IEC                    |     | UL       | CSA      |
|-------------|----------|------------------------|-----|----------|----------|
|             |          | NFC                    | DIN | 22-8 AWG | 24-8 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> |     | 22-8 AWG | 24-8 AWG |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 41 A | 50 A | 55 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge     | 6 mm <sup>2</sup> / A5 | 8 AWG          | 8 AWG      |
|-------------------|------------------------|----------------|------------|
| Wire strip length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 12 mm             | 4-5 mm                 | 0,8-1 Nm       | IP 20      |
| .47"              | .157"-.197"            | 7.1-8.9 lb.in. | NEMA 1     |

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

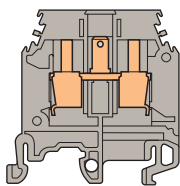
**BJDP1** permits the interconnection with a terminal block series "M" spacing 16 mm.

**BJDP3** permits the interconnection with a terminal block series "M" spacing 12 mm.

**BJDP5** permits the interconnection with a terminal block series "M" spacing 10 mm.

## M 6/8.2A.G

Spacing 8 mm - 0,05 (.315")



Grey 1SNA 115 672 R2400

See pages : other connections. 8 mm block with central quick-connect output for 2,8x0,8 mm series 110 tabs.

## Accessories

|                                          | Type                          | Part numbers                                            |
|------------------------------------------|-------------------------------|---------------------------------------------------------|
| 1 End section                            | grey                          | FEM6 th. 2,8 mm 1SNA 118 368 R1600                      |
|                                          | blue                          | FEM6 th. 2,8 mm 1SNA 128 368 R1000                      |
|                                          | orange                        | FEM6 th. 2,8 mm 1SNA 103 126 R1600                      |
|                                          | yellow                        | FEM6 th. 2,8 mm 1SNA 103 062 R2100                      |
|                                          | green                         | FEM6 th. 2,8 mm 1SNA 103 125 R1500                      |
|                                          | white                         | FEM6 th. 2,8 mm 1SNA 103 312 R2000                      |
|                                          | beige                         | FEM6 V0 th. 2,8 mm 1SNA 198 368 R1700                   |
|                                          | black                         | FEM6 th. 2,8 mm 1SNA 107 005 R2500                      |
| 2 End section                            | grey                          | FEM61 (3) th. 3,0 mm 1SNA 114 776 R2300                 |
| 3 End section                            | grey                          | FEM6C (3) th. 3,0 mm 1SNA 114 777 R2400                 |
| 4 Separator end section                  | grey                          | SCM6 1SNA 113 003 R1000                                 |
|                                          | blue                          | SCM6 1SNA 123 003 R1200                                 |
|                                          | beige                         | SCM6 V0 1SNA 193 003 R1100                              |
| 5 Separator end section                  | grey                          | SCF6 th. 3,0 mm 1SNA 118 707 R0300                      |
|                                          | blue                          | SCF6 th. 3,0 mm 1SNA 128 707 R0500                      |
|                                          | beige                         | SCF6 V0 th. 3,0 mm 1SNA 198 707 R0400                   |
| 6 Separator end section                  | grey                          | SCF61 th. 3,0 mm 1SNA 114 202 R2500                     |
| 7 Separator end section                  | grey                          | SCFM6 (3) th. 3,0 mm 1SNA 114 825 R0500                 |
| 8 Separator end section                  | grey                          | SCFEX1 (3) th. 2,4 mm 1SNA 103 619 R0400                |
| 9 Separator end section                  | grey                          | SCFEX3 (3) th. 2,4 mm 1SNA 103 620 R0100                |
| 10 Separator end section (for cover CPV) | grey                          | SCFCV1-2 th. 3,0 mm 1SNA 116 795 R1100                  |
|                                          | beige                         | SCFCV1-2 V0 th. 3,0 mm 1SNA 196 795 R1200               |
| 11 Protective cover                      |                               | CPM (for FEM6C, SCF6(V0) and SCFM6) 1SNA 187 312 R1400  |
| 12 Protective cover                      |                               | CPV1-2 (for SCFCV1-2...) 1SNA 176 816 R1200             |
| 13 Test socket                           |                               | AL2 (1) DIA. 2 mm 1SNA 163 043 R2100                    |
|                                          |                               | AL3 (1) DIA. 3 mm 1SNA 163 261 R0000                    |
|                                          |                               | AL4 (1) DIA. 4 mm 1SNA 163 262 R0100                    |
| 14 Test device                           | orange                        | DCO 1SNA 173 060 R0000                                  |
| 15 Test plug                             |                               | FC2 DIA. 2 mm 1SNA 007 865 R2600                        |
|                                          |                               | FC4 DIA. 4 mm 1SNA 167 860 R0100                        |
| 17 Assembled jumper bar                  | 41 A                          | BJM18 (1) 2 poles 1SNA 176 669 R1600                    |
|                                          | 41 A                          | BJM18 (1) 3 poles 1SNA 176 670 R1300                    |
|                                          | 41 A                          | BJM18 (1) 4 poles 1SNA 176 671 R0000                    |
|                                          | 41 A                          | BJM18 (1) 5 poles 1SNA 176 672 R0100                    |
|                                          | 41 A                          | BJM18 (1) 10 poles 1SNA 176 673 R0200                   |
| 18 Jumper bar not assembled              | 41 A                          | BJS8 (1) 20 poles 1SNA 174 789 R0500                    |
|                                          |                               | Post + washer + captive screw IP20 1SNA 206 394 R0200   |
| 19 Connector plate                       | 35 A                          | EL6 1SNA 173 627 R2100                                  |
| 22 Pivoting jumper bar                   | 50 A                          | BJP8 1SNA 174 448 R0700                                 |
| 23 Universal jumper bar                  | 50 A                          | BJDP1 (1)(2) spacing 8 <->spacing 16 1SNA 179 623 R0300 |
|                                          | 70 A                          | BJDP3 (1)(2) spacing 8 <->spacing 12 1SNA 179 625 R0500 |
|                                          | 50 A                          | BJDP5 (1)(2) spacing 8 <->spacing 10 1SNA 174 782 R2600 |
| 24 Comb type jumper bar                  | 50 A                          | PC8 (4) 2 poles 1SNA 116 538 R1700                      |
|                                          | 50 A                          | PC8 (4) 10 poles 1SNA 163 313 R2400                     |
| 25 Bridging plug                         |                               | BP8.A4 1SNA 173 888 R2000                               |
| 26 Protection label                      |                               | EP6 3 blocks 1SNA 163 427 R1700                         |
|                                          |                               | EP8 4 blocks 1SNA 163 428 R2000                         |
|                                          |                               | Screw for protection label VSP6 1SNA 163 433 R1500      |
| 27 Protection label                      |                               | EPU6 1SNA 107 038 R2500                                 |
| 28 IDC jumper                            |                               | AD2,5 1SNA 114 205 R2000                                |
| R                                        | See section on marking method |                                                         |

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) See "Notes". (3) End sections and separators snapped on rails. (4) See section : "Accessories" for other configurations of poles.

| <b>M 6/8.1...</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>M 6/8.2</b>                                                                                                                                                                                                                                                                                                                                                                            |  | <b>M 6/8.3</b>                                                                                                                                                                                                                                                                                                                                                                            |  | <b>M 6/8.4</b>                                                                                                                                                                                                                                                                                                                                                                            |  | <b>M 6/8.C</b>                                                                                                                                                                                                                                                                                                                                                                            |  | <b>M 6/8.RTS</b>                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                               |  | Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                               |  | Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                               |  | Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                               |  | Spacing 8 mm - 0,05 (.315")                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                 |  |
| Grey  1SNA 115 260 R0300<br>Green  1SNA 105 128 R2200<br>Beige V0  1SNA 195 260 R0400<br>Blue                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Grey  1SNA 115 218 R2500<br>Beige V0  1SNA 195 218 R2600                                                                                                                                                                                                                                                                                                                                  |  | Grey  1SNA 115 253 R2000<br>Beige V0  1SNA 195 253 R2100                                                                                                                                                                                                                                                                                                                                  |  | Grey  1SNA 115 219 R2600<br>Beige V0  1SNA 195 219 R2700                                                                                                                                                                                                                                                                                                                                  |  | Grey  1SNA 115 209 F0500<br>Beige V0  1SNA 195 209 F0600                                                                                                                                                                                                                                                                                                                                  |  | Grey  1SNA 115 571 R1700                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                 |  |
| <b>M 6/8.1.N</b> 1SNA 125 260 R0500<br>M 6/8 with partition                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | M 6/8 equipped with a test socket DIA. 2 mm/.079"                                                                                                                                                                                                                                                                                                                                         |  | M 6/8.1 equipped with a test socket DIA. 3 mm/.12"                                                                                                                                                                                                                                                                                                                                        |  | M 6/8.1 equipped with a test socket DIA. 4 mm/.16"                                                                                                                                                                                                                                                                                                                                        |  | M 6/8.1 equipped with a test socket DIA. 2,5 mm/.10" for connector.                                                                                                                                                                                                                                                                                                                       |  | M 6/8 with blank top marking surface.                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  | see standard M 6/8                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                 |  |
| Part numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Part numbers                                                                                                                                                                                                                                                                                                                                                                              |  | Part numbers                                                                                                                                                                                                                                                                                                                                                                              |  | Part numbers                                                                                                                                                                                                                                                                                                                                                                              |  | Part numbers                                                                                                                                                                                                                                                                                                                                                                              |  | Part numbers                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                 |  |
| 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                                                                                                                                                               |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500                                                                                                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 128 368 R1000<br>1SNA 103 126 R1600<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 312 R2000<br>V0 1SNA 198 368 R1700<br>1SNA 107 005 R2500 |  |
| (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 163 262 R0100<br>1SNA 173 060 R0000<br>1SNA 007 865 R2600<br>1SNA 167 860 R0100 |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500<br>(3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200 |  |                                                                                                                                                                                 |  |
| (5) 1SNA 176 669 R1600<br>(5) 1SNA 176 670 R1300<br>(5) 1SNA 176 671 R0000<br>(5) 1SNA 176 672 R0100<br>(5) 1SNA 176 673 R0200<br>(5) 1SNA 174 789 R0500<br>1SNA 206 394 R0200                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                 |  |
| 1SNA 173 627 R2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                 |  |
| (5) 1SNA 174 448 R0700<br>(5)(2) 1SNA 179 623 R0300<br>(5)(2) 1SNA 179 625 R0500<br>(5)(2) 1SNA 174 782 R2600<br>1SNA 116 538 R1700<br>1SNA 163 313 R2400<br>1SNA 173 888 R2000<br>1SNA 163 427 R1700<br>1SNA 163 428 R2000<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                                                                                                                                                                                 |  | 1SNA 116 538 R1700<br>1SNA 163 313 R2400                                                                                                                                                                                                                                                                                                                                                  |  | 1SNA 116 538 R1700<br>1SNA 163 313 R2400                                                                                                                                                                                                                                                                                                                                                  |  | 1SNA 116 538 R1700<br>1SNA 163 313 R2400<br>1SNA 173 888 R2000                                                                                                                                                                                                                                                                                                                            |  | 1SNA 116 538 R1700<br>1SNA 163 313 R2400                                                                                                                                                                                                                                                                                                                                                  |  | 1SNA 116 538 R1700<br>1SNA 163 313 R2400                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                 |  |
| RCT810 RC810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | RC810                                                                                                                                                                                                                                                                                                                                                                                     |  | RC810                                                                                                                                                                                                                                                                                                                                                                                     |  | RC810                                                                                                                                                                                                                                                                                                                                                                                     |  | RC810                                                                                                                                                                                                                                                                                                                                                                                     |  | RC810                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                 |  |

Note : (2) See "Notes". (3) End sections and separators snapped on rails. (5) Use of these accessories requires the user to cut out the partition.

# Standard terminal blocks

## Screw clamp



refer to the section "Special Applications" for part numbers and characteristics.

**Test connector : refer to section connectors**

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

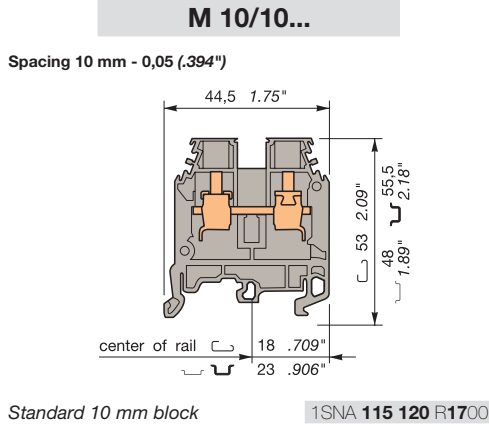
Other end stops, rails and accessories : see section on accessories.

## Characteristics

| Wire size          |                     | IEC<br>NFC DIN          | UL         | CSA      |
|--------------------|---------------------|-------------------------|------------|----------|
| Screw clamp        | Rigid               | 0,5-16 mm <sup>2</sup>  | 20-6 AWG   | 18-6 AWG |
|                    | Flexible            | 0,5-10 mm <sup>2</sup>  | 20-6 AWG   | 18-6 AWG |
| <b>Voltage</b>     |                     |                         |            |          |
| Rated              |                     | 800 V                   | 600 V      | 600 V    |
| Impulse withstand  |                     | 8 kV                    |            |          |
| Pollution degree   |                     | 3                       |            |          |
| <b>Current</b>     |                     |                         |            |          |
| Rated              |                     | 57 A                    | 65 A       | 70 A     |
| <b>Wire size</b>   |                     |                         |            |          |
| Rated / Gauge      |                     | 10 mm <sup>2</sup> / B6 | 6 AWG      | 6 AWG    |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque          | Protection |          |
| 12 mm              | 5,5-6 mm            | 1,2-1,4 Nm              | IP 20      |          |
| .47"               | .217" - .238"       | 10.6-12.4 lb.in.        | NEMA 1     |          |

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



## Accessories

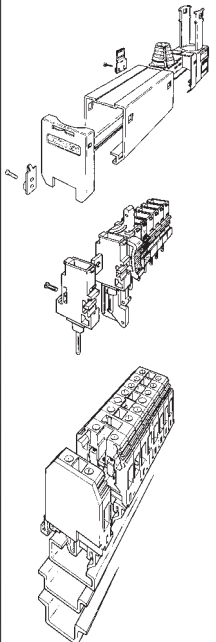
|                                                           | Type                                                                                                         | Part numbers                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           | <b>1</b> End section                                                                                         | grey FEM6 th. 2,8 mm 1SNA <b>118 368 R1600</b><br>blue FEM6 th. 2,8 mm 1SNA <b>128 368 R1000</b><br>orange FEM6 th. 2,8 mm 1SNA <b>103 126 R1600</b><br>yellow FEM6 th. 2,8 mm 1SNA <b>103 062 R2100</b><br>green FEM6 th. 2,8 mm 1SNA <b>103 125 R1500</b><br>white FEM6 th. 2,8 mm 1SNA <b>103 312 R2000</b><br>beige FEM6 V0 th. 2,8 mm 1SNA <b>198 368 R1700</b><br>th. |
|                                                           | <b>2</b> End section                                                                                         | grey FEM61 (3) th. 3,0 mm 1SNA <b>114 776 R2300</b>                                                                                                                                                                                                                                                                                                                         |
|                                                           | <b>3</b> End section                                                                                         | grey FEM6C (3) th. 3,0 mm 1SNA <b>114 777 R2400</b>                                                                                                                                                                                                                                                                                                                         |
|                                                           | <b>4</b> Circuit separator                                                                                   | grey SCM6 1SNA <b>113 003 R1000</b>                                                                                                                                                                                                                                                                                                                                         |
|                                                           |                                                                                                              | blue SCM6 1SNA <b>123 003 R1200</b>                                                                                                                                                                                                                                                                                                                                         |
|                                                           |                                                                                                              | orange SCM6 1SNA <b>103 233 R2100</b>                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                                              | yellow SCM6 1SNA <b>103 020 R2300</b>                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                                              | beige SCM6 V0 th. 3,0 mm 1SNA <b>193 003 R1100</b>                                                                                                                                                                                                                                                                                                                          |
|                                                           | <b>5</b> Separator end section                                                                               | grey SCF6 th. 3,0 mm 1SNA <b>118 707 R0300</b>                                                                                                                                                                                                                                                                                                                              |
|                                                           |                                                                                                              | blue SCF6 th. 3,0 mm 1SNA <b>128 707 R0500</b>                                                                                                                                                                                                                                                                                                                              |
|                                                           |                                                                                                              | beige SCF6 V0 th. 3,0 mm 1SNA <b>198 707 R0400</b>                                                                                                                                                                                                                                                                                                                          |
|                                                           | <b>6</b> Separator end section                                                                               | grey SCF61 th. 3,0 mm 1SNA <b>114 202 R2500</b>                                                                                                                                                                                                                                                                                                                             |
|                                                           | <b>7</b> Separator end section                                                                               | grey SCFM6 (3) th. 3,0 mm 1SNA <b>114 825 R0500</b>                                                                                                                                                                                                                                                                                                                         |
| <b>8</b> Separator end section                            | grey SCFEX1 (3) th. 2,4 mm 1SNA <b>103 619 R0400</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>9</b> Separator end section                            | grey SCFEX3 (3) th. 2,4 mm 1SNA <b>103 620 R0100</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>10</b> Separator end section (for cover CPV)           | grey SCFCV1-2 th. 3,0 mm 1SNA <b>116 795 R1100</b><br>beige SCFCV1-2 V0 th. 3,0 mm 1SNA <b>196 795 R1200</b> |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>11</b> Protective cover                                | CPM (for FEM6C, SCF6(V0) and SCFM6) 1SNA <b>187 312 R1400</b>                                                |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>12</b> Protective cover                                | CPV1-2 (for SCFCV1-2...) 1SNA <b>176 816 R1200</b>                                                           |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>13</b> Test socket                                     | AL2 (1) DIA. 2 mm 1SNA <b>163 043 R2100</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | AL3 (1) DIA. 3 mm 1SNA <b>163 261 R0000</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | AL4 (1) DIA. 4 mm 1SNA <b>163 262 R0100</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | FC2 DIA. 2 mm 1SNA <b>007 865 R2600</b><br>FC4 DIA. 4 mm 1SNA <b>167 860 R0100</b>                           |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>14</b> Test plug                                       | BJMI10 (1) 2 poles 1SNA <b>176 675 R0400</b>                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | BJMI10 (1) 3 poles 1SNA <b>176 676 R0500</b>                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | BJMI10 (1) 4 poles 1SNA <b>176 677 R0600</b>                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | BJMI10 (1) 5 poles 1SNA <b>176 678 R1700</b>                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | BJMI10 (1) 10 poles 1SNA <b>176 679 R1000</b>                                                                |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | BJS10 (1) 20 poles 1SNA <b>177 654 R0000</b><br>EV6l 1SNA <b>206 394 R0200</b>                               |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | <b>18</b> Pivoting jumper bar 70 A BJP10 1SNA <b>174 451 R2200</b>                                           |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | <b>19</b> Universal jumper bar 50 A                                                                          | BJDP1 (1)(2) spacing 10 <-> spacing 16 1SNA <b>179 623 R0300</b>                                                                                                                                                                                                                                                                                                            |
|                                                           |                                                                                                              | BJDP3 (1)(2) spacing 10 <-> spacing 12 1SNA <b>179 625 R0500</b>                                                                                                                                                                                                                                                                                                            |
|                                                           | <b>20</b> Comb type jumper bar 70 A PC10 10 poles 1SNA <b>163 315 R2600</b>                                  |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>21</b> Protection label                                | EP8 3 blocks 1SNA <b>163 428 R2000</b>                                                                       |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | EP10 4 blocks 1SNA <b>163 429 R2100</b>                                                                      |                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | VSP6 1SNA <b>163 433 R1500</b>                                                                               |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>22</b> Protection label EPU6 1SNA <b>107 038 R2500</b> |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>23</b> IDC jumper 24 A AD2,5 1SNA <b>114 205 R2000</b> |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |

| Colour                 | Type              | Part numbers              |
|------------------------|-------------------|---------------------------|
| <i>Standard blocks</i> |                   |                           |
| Grey                   | <b>M 10/10</b>    | 1SNA <b>115 120 R1700</b> |
| Blue                   | <b>M 10/10.N</b>  | 1SNA <b>125 120 R1100</b> |
| Yellow                 | <b>M 10/10</b>    | 1SNA <b>105 120 R2600</b> |
| Red                    | <b>M 10/10</b>    | 1SNA <b>400 189 R0400</b> |
| Black                  | <b>M 10/10</b>    | 1SNA <b>400 188 R0300</b> |
| White                  | <b>M 10/10</b>    | 1SNA <b>400 190 R0100</b> |
| Beige V0               | <b>M 10/10.V0</b> | 1SNA <b>195 120 R1000</b> |

| Type                                | Part numbers                         |
|-------------------------------------|--------------------------------------|
| FEM6                                | th. 2,8 mm 1SNA <b>118 368 R1600</b> |
| FEM6                                | th. 2,8 mm 1SNA <b>128 368 R1000</b> |
| FEM6                                | th. 2,8 mm 1SNA <b>103 126 R1600</b> |
| FEM6                                | th. 2,8 mm 1SNA <b>103 062 R2100</b> |
| FEM6                                | th. 2,8 mm 1SNA <b>103 125 R1500</b> |
| FEM6                                | th. 2,8 mm 1SNA <b>103 312 R2000</b> |
| FEM6 V0                             | th. 2,8 mm 1SNA <b>198 368 R1700</b> |
| FEM61 (3)                           | th. 3,0 mm 1SNA <b>114 776 R2300</b> |
| FEM6C (3)                           | th. 3,0 mm 1SNA <b>114 777 R2400</b> |
| SCM6                                | 1SNA <b>113 003 R1000</b>            |
| SCM6                                | 1SNA <b>123 003 R1200</b>            |
| SCM6                                | 1SNA <b>103 233 R2100</b>            |
| SCM6                                | 1SNA <b>103 020 R2300</b>            |
| SCM6 V0                             | 1SNA <b>193 003 R1100</b>            |
| SCF6                                | th. 3,0 mm 1SNA <b>118 707 R0300</b> |
| SCF6                                | th. 3,0 mm 1SNA <b>128 707 R0500</b> |
| SCF6 V0                             | th. 3,0 mm 1SNA <b>198 707 R0400</b> |
| SCF61                               | th. 3,0 mm 1SNA <b>114 202 R2500</b> |
| SCFM6 (3)                           | th. 3,0 mm 1SNA <b>114 825 R0500</b> |
| SCFEX1 (3)                          | th. 2,4 mm 1SNA <b>103 619 R0400</b> |
| SCFEX3 (3)                          | th. 2,4 mm 1SNA <b>103 620 R0100</b> |
| SCFCV1-2                            | th. 3,0 mm 1SNA <b>116 795 R1100</b> |
| SCFCV1-2 V0                         | th. 3,0 mm 1SNA <b>196 795 R1200</b> |
| CPM (for FEM6C, SCF6(V0) and SCFM6) | 1SNA <b>187 312 R1400</b>            |
| CPV1-2 (for SCFCV1-2...)            | 1SNA <b>176 816 R1200</b>            |
| AL2 (1)                             | DIA. 2 mm 1SNA <b>163 043 R2100</b>  |
| AL3 (1)                             | DIA. 3 mm 1SNA <b>163 261 R0000</b>  |
| AL4 (1)                             | DIA. 4 mm 1SNA <b>163 262 R0100</b>  |
| FC2                                 | DIA. 2 mm 1SNA <b>007 865 R2600</b>  |
| FC4                                 | DIA. 4 mm 1SNA <b>167 860 R0100</b>  |

**R** See section on marking method **RC1010**  
 Note : (1) A circuit separator **SC** may be required with the use of these accessories.  
 (2) See column : "Various applications".  
 (3) End sections and circuit separators snapped on rails.

| M 10/10.1                                                                                                                                                                                                                                                                           |  | M 10/10.4                                                                                                                                                                                                                                                                           |  | M 10/10.C                                                                                                                                                                                                                                                                           |  | M 10/10.RTS                                                                                                                                                                                                                                                                         |  |                                                                |  |                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|----------------------|--|
| Spacing 10 mm - 0,05 (.394")                                                                                                                                                                                                                                                        |  | Spacing 10 mm - 0,05 (.394")                                                                                                                                                                                                                                                        |  | Spacing 10 mm - 0,05 (.394")                                                                                                                                                                                                                                                        |  | Spacing 10 mm - 0,05 (.394")                                                                                                                                                                                                                                                        |  |                                                                |  |                      |  |
|                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                     |  |                                                                |  |                      |  |
| Grey □ 1SNA 115 261 R2000<br>Beige V0 □ 1SNA 195 261 R2100                                                                                                                                                                                                                          |  | Grey □ 1SNA 115 474 R1600                                                                                                                                                                                                                                                           |  | Grey □ 1SNA 115 228 R2700<br>Beige V0 □ 1SNA 195 228 R2000                                                                                                                                                                                                                          |  | Grey □ 1SNA 115 572 R1000                                                                                                                                                                                                                                                           |  |                                                                |  |                      |  |
| M 10/10 with partition.                                                                                                                                                                                                                                                             |  | M 10/10.1 equipped with a test socket DIA. 4 mm/ .16".                                                                                                                                                                                                                              |  | M 10/10 equipped with a flexible test socket DIA. 2,5 mm/ .10" for connector.                                                                                                                                                                                                       |  | M 10/10 with blank top marking surface.                                                                                                                                                                                                                                             |  |                                                                |  |                      |  |
| UL                                                                                                                                                                                                                                                                                  |  | CE                                                                                                                                                                                                                                                                                  |  | UL                                                                                                                                                                                                                                                                                  |  | CE                                                                                                                                                                                                                                                                                  |  | idem M 10/10                                                   |  |                      |  |
| Part numbers                                                                                                                                                                                                                                                                        |  | Part numbers                                                                                                                                                                                                                                                                        |  | Part numbers                                                                                                                                                                                                                                                                        |  | Part numbers                                                                                                                                                                                                                                                                        |  |                                                                |  | Various applications |  |
| 1SNA 118 368 R1600<br>1SNA 103 312 R2000<br>1SNA 128 368 R1000<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 126 R1600<br>V0 1SNA 198 368 R1700                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 103 312 R2000<br>1SNA 128 368 R1000<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 126 R1600<br>V0 1SNA 198 368 R1700                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 103 312 R2000<br>1SNA 128 368 R1000<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 126 R1600<br>V0 1SNA 198 368 R1700                                                                                                                           |  | 1SNA 118 368 R1600<br>1SNA 103 312 R2000<br>1SNA 128 368 R1000<br>1SNA 103 062 R2100<br>1SNA 103 125 R1500<br>1SNA 103 126 R1600<br>V0 1SNA 198 368 R1700                                                                                                                           |  |                                                                |  |                      |  |
| (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>1SNA 103 020 R2300<br>1SNA 103 233 R2100<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500                        |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>1SNA 103 020 R2300<br>1SNA 103 233 R2100<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500                        |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>1SNA 103 020 R2300<br>1SNA 103 233 R2100<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500                        |  | (3) 1SNA 114 776 R2300<br>(3) 1SNA 114 777 R2400<br>1SNA 113 003 R1000<br>1SNA 123 003 R1200<br>1SNA 103 020 R2300<br>1SNA 103 233 R2100<br>V0 1SNA 193 003 R1100<br>1SNA 118 707 R0300<br>1SNA 128 707 R0500<br>V0 1SNA 198 707 R0400<br>1SNA 114 202 R2500                        |  |                                                                |  |                      |  |
| (3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 163 262 R0100<br>1SNA 007 865 R2600<br>1SNA 167 860 R0100 |  | (3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 163 262 R0100<br>1SNA 007 865 R2600<br>1SNA 167 860 R0100 |  | (3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 163 262 R0100<br>1SNA 007 865 R2600<br>1SNA 167 860 R0100 |  | (3) 1SNA 114 825 R0500<br>(3) 1SNA 103 619 R0400<br>(3) 1SNA 103 620 R0100<br>1SNA 116 795 R1100<br>V0 1SNA 196 795 R1200<br>1SNA 187 312 R1400<br>1SNA 176 816 R1200<br>1SNA 163 043 R2100<br>1SNA 163 261 R0000<br>1SNA 163 262 R0100<br>1SNA 007 865 R2600<br>1SNA 167 860 R0100 |  |                                                                |  |                      |  |
| (4) 1SNA 176 675 R0400<br>(4) 1SNA 176 676 R0500<br>(4) 1SNA 176 677 R0600<br>(4) 1SNA 176 678 R1700<br>(4) 1SNA 176 679 R1000<br>(4) 1SNA 163 060 R0600<br>1SNA 206 394 R0200                                                                                                      |  | (4) 1SNA 176 675 R0400<br>(4) 1SNA 176 676 R0500<br>(4) 1SNA 176 677 R0600<br>(4) 1SNA 176 678 R1700<br>(4) 1SNA 176 679 R1000<br>(4) 1SNA 163 060 R0600<br>1SNA 206 394 R0200                                                                                                      |  | (4) 1SNA 176 675 R0400<br>(4) 1SNA 176 676 R0500<br>(4) 1SNA 176 677 R0600<br>(4) 1SNA 176 678 R1700<br>(4) 1SNA 176 679 R1000<br>(4) 1SNA 163 060 R0600<br>1SNA 206 394 R0200                                                                                                      |  | (4) 1SNA 176 675 R0400<br>(4) 1SNA 176 676 R0500<br>(4) 1SNA 176 677 R0600<br>(4) 1SNA 176 678 R1700<br>(4) 1SNA 176 679 R1000<br>(4) 1SNA 163 060 R0600<br>1SNA 206 394 R0200                                                                                                      |  |                                                                |  |                      |  |
| 1SNA 174 451 R2200<br>(4)(2) 1SNA 179 623 R0300<br>(4)(2) 1SNA 179 625 R0500<br>1SNA 163 315 R2600<br>1SNA 163 428 R2000<br>1SNA 163 429 R2100<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                    |  | 1SNA 174 451 R2200<br>(4)(2) 1SNA 179 623 R0300<br>(4)(2) 1SNA 179 625 R0500<br>1SNA 163 315 R2600<br>1SNA 163 428 R2000<br>1SNA 163 429 R2100<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                    |  | 1SNA 174 451 R2200<br>(4)(2) 1SNA 179 623 R0300<br>(4)(2) 1SNA 179 625 R0500<br>1SNA 163 315 R2600<br>1SNA 163 428 R2000<br>1SNA 163 429 R2100<br>1SNA 163 433 R1500<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                    |  | 1SNA 163 315 R2600<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000                                                                                                                                                                                                                      |  | 1SNA 163 315 R2600<br>1SNA 107 038 R2500<br>1SNA 114 205 R2000 |  |                      |  |
| RC1010                                                                                                                                                                                                                                                                              |  | RC1010                                                                                                                                                                                                                                                                              |  | RC1010                                                                                                                                                                                                                                                                              |  | RC1010                                                                                                                                                                                                                                                                              |  |                                                                |  |                      |  |



The terminal blocks M 10/10.C are equipped with a test socket DIA. 2,5 mm/ .10" for connectors described in the section "Connectors".

**BJDP1** permits the interconnection with a terminal block series "M" with 16 mm spacing.

**BJDP3** permits the interconnection with a terminal block series "M" with 12 mm spacing.

Note : (2) See column : "Various applications". (3) End sections and circuit separators snapped on rails.  
(4) Use of these accessories requires the user to cut out the partition.

# Standard terminal blocks

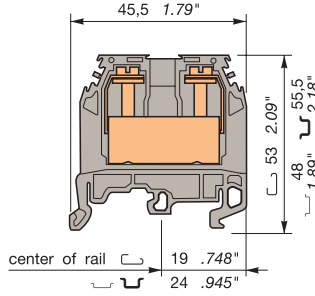
## Screw clamp



DIN 1 - 3

### M 16/12...

Spacing 12 mm - 0,1 (.473")



Standard 12 mm block with partition.

1SNA 115 129 R1400

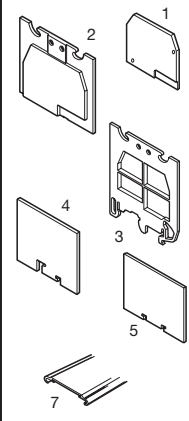


| Colour | Type | Part numbers |
|--------|------|--------------|
|--------|------|--------------|

Standard blocks

|          |                          |                   |                    |
|----------|--------------------------|-------------------|--------------------|
| Grey     | <input type="checkbox"/> | <b>M 16/12</b>    | 1SNA 115 129 R1400 |
| Blue     | <input type="checkbox"/> | <b>M 16/12.N</b>  | 1SNA 125 129 R1600 |
| Yellow   | <input type="checkbox"/> | <b>M 16/12</b>    | 1SNA 105 129 R2300 |
| Red      | <input type="checkbox"/> | <b>M 16/12</b>    | 1SNA 400 192 R2700 |
| Black    | <input type="checkbox"/> | <b>M 16/12</b>    | 1SNA 400 191 R2600 |
| White    | <input type="checkbox"/> | <b>M 16/12</b>    | 1SNA 400 193 R2000 |
| Beige V0 | <input type="checkbox"/> | <b>M 16/12.V0</b> | 1SNA 195 129 R1500 |

### Accessories



- 1** End section  
grey, blue, yellow, beige
- 2** Separator end section  
grey, beige
- 3** Separator end section  
grey
- 4** Separator end section  
grey
- 5** Separator end section  
grey
- 6** Separator end section for cover CPV  
grey, beige
- 7** Protective cover
- 8** Protective cover
- 9** Test socket
- 10** Test plug

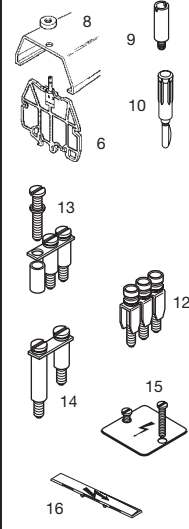
| Type | Part numbers |
|------|--------------|
|------|--------------|

|                           |                                |
|---------------------------|--------------------------------|
| FEM12                     | th. 3,0 mm 1SNA 118 618 R0100  |
| FEM12                     | th. 3,0 mm 1SNA 128 618 R0300  |
| FEM12                     | th. 3,0 mm 1SNA 103 065 R2400  |
| FEM12 V0                  | th. 3,0 mm 1SNA 198 618 R0200  |
| SCF12                     | th. 3,0 mm 1SNA 113 102 R1000  |
| SCF12 V0                  | th. 3,0 mm 1SNA 193 102 R1100  |
| SCFM6 (1)                 | th. 3,0 mm 1SNA 114 825 R0500  |
| SCFEX1 (1)                | th. 2,4 mm 1SNA 103 619 R0400  |
| SCFEX3 (1)                | th. 2,4 mm 1SNA 103 620 R0100  |
| SCFCV 1.2                 | th. 3,0 mm 1SNA 116 795 R1100  |
| SCFCV 1.2 V0              | th. 3,0 mm 1SNA 196 795 R1200  |
| CPM (for SCF12..., SCFM6) | 1SNA 187 312 R1400             |
| CPV 1.2 (for SCFCV1.2...) | 1SNA 176 816 R1200             |
| AL2                       | DIA. 2,0 mm 1SNA 163 043 R2100 |
| AL3                       | DIA. 3,0 mm 1SNA 163 261 R0000 |
| AL4                       | DIA. 4,0 mm 1SNA 163 262 R0100 |
| FC2                       | DIA. 2,0 mm 1SNA 007 865 R2600 |
| FC4                       | DIA. 4,0 mm 1SNA 167 860 R0100 |

refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.



- 12** Assembled jumper bar (with IP20 protection)  
76 A
- 13** Jumper bar not assembled post + screw + washer  
57 A
- 14** Universal jumper bar  
95 A / 70 A
- 15** Protection label
- Screw for protection label
- 16** Protection label

|              |                                    |                    |
|--------------|------------------------------------|--------------------|
| BJMI 12 (2)  | 2 poles                            | 1SNA 179 626 R0600 |
| BJMI 12 (2)  | 3 poles                            | 1SNA 179 628 R1000 |
| BJMI 12 (2)  | 4 poles                            | 1SNA 179 629 R1100 |
| BJMI 12 (2)  | 5 poles                            | 1SNA 179 630 R1600 |
| BJMI 12 (2)  | 10 poles                           | 1SNA 179 631 R0300 |
| BJS 12 (2)   | 20 poles                           | 1SNA 177 653 R0700 |
| EV12         |                                    | 1SNA 168 664 R1100 |
| BJDP2 (2)(3) | spacing 12<->spacing 16            | 1SNA 179 624 R0400 |
| BJDP3 (2)(3) | spacing 12<->spacing 6-6,5-8 or 10 | 1SNA 179 625 R0500 |
| EP10         | 3 blocks                           | 1SNA 163 429 R2100 |
| EP12         | 4 blocks                           | 1SNA 163 430 R2600 |
| VSP12        |                                    | 1SNA 163 432 R1400 |
| EPU6         |                                    | 1SNA 107 038 R2500 |

### Characteristics

| Wire size   |          | IEC                    | UL       | CSA     |
|-------------|----------|------------------------|----------|---------|
|             |          | NFC DIN                |          |         |
| Screw clamp | Rigid    | 0,5-25 mm <sup>2</sup> | 18-6 AWG | 8-4 AWG |
|             | Flexible | 0,5-16 mm <sup>2</sup> | 18-6 AWG | 8-4 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |       |
|---------|------|------|-------|
| Rated   | 85 A | 85 A | 100 A |

| Wire size          |                         |                 |            |
|--------------------|-------------------------|-----------------|------------|
| Rated / Gauge      | 16 mm <sup>2</sup> / B7 | 6 AWG           | 4 AWG      |
| Wire strip. length | Recomm. Screwdriver     | Recomm. torque  | Protection |
| 14 mm              | 5,5 mm                  | 1,2-1,4 Nm      | IP 20      |
| .55"               | .22"                    | 10.6-12.4 lb.in | NEMA 1     |

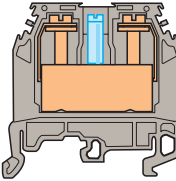
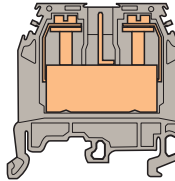
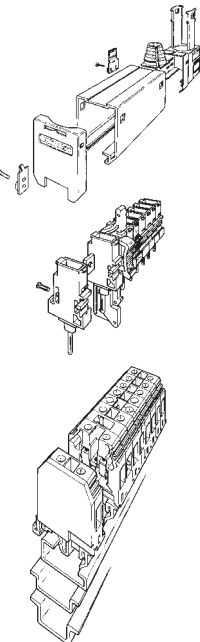
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



**R** See section on marking method  
 RC65 - RC610      RC810      RC1010  
 Note : (1) Separator end sections snapped on rails. (3) See column : "Various applications".  
 (2) Use of these accessories requires the user to cut out the partition. (4) Use 2 labels EPU6 (spacing 12 mm).



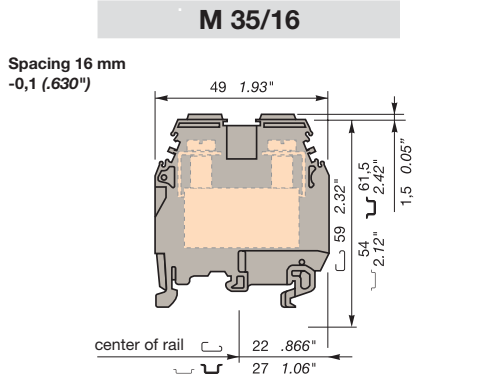
| <p><b>M 16/12.C</b></p> <p>Spacing 12 mm - 0,1 (.473")</p>  <p>Grey □ 1SNA 115 210 R2100<br/>Beige V0 □ 1SNA 195 210 R2200</p> <p>12 mm block equipped with a flexible test socket DIA. 2,5 mm for connector.</p> | <p><b>M 16/12.2A.G</b></p> <p>Spacing 12 mm - 0,1 (.473")</p>  <p>Grey □ 1SNA 115 679 R0300</p> <p>Standard 12 mm block with partition and central quick-connect output.</p> |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>RU CE</p>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                               |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Part numbers</p>                                                                                                                                                                                                                                                                               | <p>Part numbers</p>                                                                                                                                                                                                                                           | <p>Part numbers</p> | <p>Part numbers</p> | <p>Part numbers</p> | <p>Part numbers</p> | <p>Various applications</p>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>1SNA 118 618 R0100<br/>1SNA 128 618 R0300<br/>1SNA 103 065 R2400<br/>V0 1SNA 198 618 R0200</p>                                                                                                                                                                                                 | <p>1SNA 118 618 R0100</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>1SNA 113 102 R1000<br/>V0 1SNA 193 102 R1100</p>                                                                                                                                                                                                                                               | <p>1SNA 113 102 R1000</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>(1) 1SNA 114 825 R0500</p>                                                                                                                                                                                                                                                                     | <p>(1) 1SNA 114 825 R0500</p>                                                                                                                                                                                                                                 |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>(1) 1SNA 103 619 R0400</p>                                                                                                                                                                                                                                                                     | <p>(1) 1SNA 103 619 R0400</p>                                                                                                                                                                                                                                 |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>(1) 1SNA 103 620 R0100</p>                                                                                                                                                                                                                                                                     | <p>(1) 1SNA 103 620 R0100</p>                                                                                                                                                                                                                                 |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>1SNA 116 795 R1100</p>                                                                                                                                                                                                                                                                         | <p>1SNA 116 795 R1100</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>V0 1SNA 196 795 R1200</p>                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                               |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>1SNA 187 312 R1400</p>                                                                                                                                                                                                                                                                         | <p>1SNA 187 312 R1400</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>1SNA 176 816 R1200</p>                                                                                                                                                                                                                                                                         | <p>1SNA 176 816 R1200</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>1SNA 107 038 R2500</p>                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                               |                     |                     |                     |                     |  <p>The terminal blocks M 16/12.C are equipped with a test socket DIA. 2,5 mm/.10" for connectors described in the section "Connectors".</p> <p><b>BJDP2</b> permits the interconnection with a terminal block series "M" spacing 16 mm.</p> <p><b>BJDP3</b> permits the interconnection with a terminal block series "M" spacing 6 - 6,5 - 8 or 10 mm.</p> |
| <p>RC65 - RC610 RC810 RC1010</p>                                                                                                                                                                                                                                                                  | <p>RC65 - RC610 RC810</p>                                                                                                                                                                                                                                     |                     |                     |                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Note : (1) Separator end sections snapped on rails.

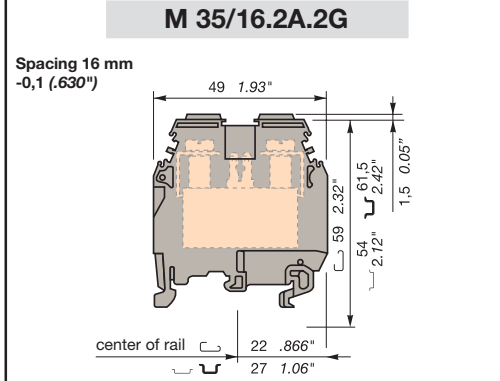
# Standard terminal blocks

## Screw clamp

 **DIN 1 - 3**



Standard 16 mm block with partition.




Standard 16 mm block with partition and central quick-connect tabs



| Colour   | Type              | Part numbers       |
|----------|-------------------|--------------------|
| Grey     | <b>M 35/16</b>    | 1SNA 115 124 R0700 |
| Blue     | <b>M 35/16.N</b>  | 1SNA 125 124 R0100 |
| Yellow   | <b>M 35/16</b>    | 1SNA 105 124 R1600 |
| Red      | <b>M 35/16</b>    | 1SNA 400 195 R2200 |
| Black    | <b>M 35/16</b>    | 1SNA 400 194 R2100 |
| White    | <b>M 35/16</b>    | 1SNA 400 196 R2300 |
| Beige V0 | <b>M 35/16.V0</b> | 1SNA 195 124 R0000 |

| Colour | Type                 | Part numbers       |
|--------|----------------------|--------------------|
| Grey   | <b>M 35/16.2A.2G</b> | 1SNA 115 719 R2300 |

 refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

| Characteristics |          |                      |          |
|-----------------|----------|----------------------|----------|
| Wire size       | IEC      |                      | UL/CSA   |
|                 | NFC      | DIN                  |          |
| Screw clamp     | Rigid    | 1-50 mm <sup>2</sup> | 10-0 AWG |
|                 | Flexible | 1-35 mm <sup>2</sup> | 10-1 AWG |

| Characteristics |                                                          |                      |          |          |
|-----------------|----------------------------------------------------------|----------------------|----------|----------|
| Wire size       | IEC                                                      |                      | UL       | CSA      |
|                 | NFC                                                      | DIN                  |          |          |
| Screw clamp     | Rigid                                                    | 1-50 mm <sup>2</sup> | 16-0 AWG | 16-0 AWG |
|                 | Flexible                                                 | 1-35 mm <sup>2</sup> | 16-2 AWG | 16-2 AWG |
| Quick connect   | 4 tabs : 2,8 x 0,8 series 110 - 1,5 mm <sup>2</sup> max. |                      |          |          |
|                 | 2 tabs : 6,3 x 0,8 series 250 - 2,5 mm <sup>2</sup> max. |                      |          |          |

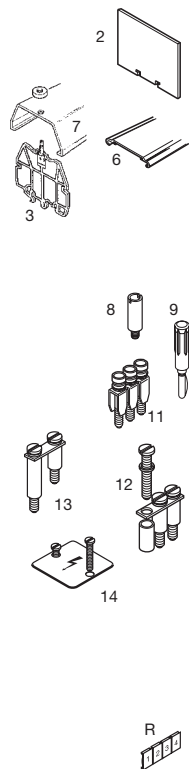
## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.  
**BJDP1** permits the interconnection with a terminal block series "M" spacing 6 or 6,5 or 8 or 10 mm.  
**BJDP2** permits the interconnection with a terminal block series "M" spacing 12 mm.

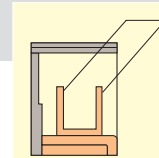
| Voltage            |                     |                         |            |
|--------------------|---------------------|-------------------------|------------|
| Rated              |                     | 800 V                   | 600 V      |
| Impulse withstand  |                     | 8 kV                    |            |
| Pollution degree   |                     | 3                       |            |
| Current            |                     |                         |            |
| Rated              |                     | 125 A                   | 150 A      |
| Wire size          |                     |                         |            |
| Rated / Gauge      |                     | 35 mm <sup>2</sup> / B9 | 0 AWG      |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque          | Protection |
| 17 mm              | 6,5-7 mm            | 2,8-3 Nm                | IP20       |
| .669"              | .255" - .276"       | 24.9-26.7 lb.in         | NEMA 1     |

| Voltage            |                     |                         |            |
|--------------------|---------------------|-------------------------|------------|
| Rated              |                     | 800 V                   |            |
| Impulse withstand  |                     | 8 kV                    |            |
| Pollution degree   |                     | 3                       |            |
| Current            |                     |                         |            |
| Rated              |                     | 125 A (4)               |            |
| Wire size          |                     |                         |            |
| Rated / Gauge      |                     | 35 mm <sup>2</sup> / B9 | 0 AWG      |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque          | Protection |
| 17 mm              | 6,5-7 mm            | 2,8-3 Nm                | IP20       |
| .669"              | .255" - .276"       | 24.3-26.1 lb.in         | NEMA 1     |

## Accessories



| Type                                                    | Part numbers                                                                                                                                                                                               |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2</b> Separator end section grey                     | SCFT1 th. 1,0 mm 1SNA 103 588 R2600                                                                                                                                                                        |
| <b>3</b> Separator end section grey for cover CPV beige | SCFCV1.2 (1) th. 3,0 mm 1SNA 116 795 R1100<br>SCFCV1.2 V0 (1) th. 3,0 mm 1SNA 196 795 R1200                                                                                                                |
| <b>6</b> Protective cover                               | CPM (for SCF16...) 1SNA 187 312 R1400                                                                                                                                                                      |
| <b>7</b> Protective cover                               | CPV1.2 (for SCFCV1.2...) 1SNA 176 816 R1200                                                                                                                                                                |
| <b>8</b> Test socket                                    | AL4 DIA. 4,0 mm 1SNA 168 237 R0500                                                                                                                                                                         |
| <b>9</b> Test plug                                      | FC2 DIA. 2,0 mm 1SNA 007 865 R2600<br>FC4 DIA. 4,0 mm 1SNA 167 860 R0100                                                                                                                                   |
| <b>11</b> Assembled jumper bar                          | BJMI16 (2) 2 poles 1SNA 206 217 R0000<br>BJMI16 (2) 3 poles 1SNA 206 218 R1100<br>BJMI16 (2) 4 poles 1SNA 206 219 R1200<br>BJMI16 (2) 5 poles 1SNA 206 220 R1700<br>BJMI16 (2) 10 poles 1SNA 206 221 R0400 |
| <b>12</b> Jumper bar not assembled                      | BJS16 (2) 10 poles 1SNA 168 238 R1600<br>EV16 1SNA 179 627 R0700                                                                                                                                           |
| <b>13</b> Universal jumper bar                          | BJDP1 (2)(3) spacing 16<->spacing 6-6,5-8 or 10 1SNA 179 623 R0300<br>BJDP2 (2)(3) spacing 16<->spacing 12 1SNA 179 624 R0400                                                                              |
| <b>14</b> Protection label                              | EP12 3 blocks 1SNA 163 430 R2600<br>EP16 4 blocks 1SNA 163 431 R1300<br>VSP16 1SNA 173 147 R2000                                                                                                           |
| <b>R</b> See section on markers method                  | RC65 - RC610 RTM9 RC810 RC1010                                                                                                                                                                             |

| Type                                                                                                                                                                                              | Part numbers       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| SCFT1 th. 1,0 mm                                                                                                                                                                                  | 1SNA 103 588 R2600 |
| SCFCV1.2 (1) th. 3,0 mm                                                                                                                                                                           | 1SNA 116 795 R1100 |
| CPM (for SCF16...)                                                                                                                                                                                | 1SNA 187 312 R1400 |
| CPV1.2 (for SCFCV1.2...)                                                                                                                                                                          | 1SNA 176 816 R1200 |
|  <p>2 quick-connect outputs for 6,3 x 0,8 series 250 tabs (2 tabs) or 2,8 x 0,8 series 110 tabs (4 tabs)</p> |                    |
| RC65 - RC610 RTM9 RC810 RC1010                                                                                                                                                                    |                    |

Note : (1) Separator end section snapped on rail. (2) Use of these accessories requires the user to cut out the partition. (3) See column "various applications" on previous pages. (4) Maximum withstand current : 8 A for quick-connect connection for 2,8 x 0,8 mm tabs and 20 A for quick-connect connection for 6,3 x 0,8 mm tabs.

# Standard terminal blocks

## Screw clamp

DIN 1 - 3

refer to the section "Special Applications" for part numbers and characteristics.

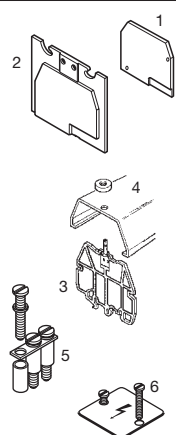
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH V0</b> | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

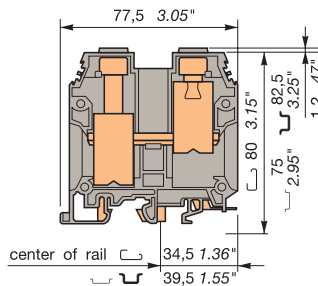


| Type                                       | Part numbers                                |
|--------------------------------------------|---------------------------------------------|
| 1 End section grey                         | FEM22 th. 3,0 mm 1SNA 113 065 R1500         |
| yellow                                     | FEM22 th. 3,0 mm 1SNA 103 881 R1400         |
| blue                                       | FEM22 th. 3,0 mm 1SNA 123 065 R1700         |
| 2 Separator end section beige              | FEM22 V0 th. 3,0 mm 1SNA 193 065 R1600      |
| grey                                       | SCF22 th. 3,0 mm 1SNA 113 851 R1600         |
| beige                                      | SCF22 V0 th. 3,0 mm 1SNA 193 851 R1700      |
| 3 Separator end section for cover CPV grey | SCFCV4 (1) th. 3,0 mm 1SNA 116 797 R1300    |
| beige                                      | SCFCV4 V0 (1) th. 3,0 mm 1SNA 196 797 R1400 |
| 4 Protective cover                         | CPV4 (for SCFCV4...) 1SNA 176 791 R2100     |
| 5 Jumper bar not assembled                 | BJS22 (2) 2 poles 1SNA 173 316 R2100        |
| 192 A                                      | BJS22 (2) 3 poles 1SNA 173 317 R2200        |
| 192 A                                      | BJS22 (2) 5 poles 1SNA 173 318 R0300        |
| 192 A                                      | BJS22 (2) 10 poles 1SNA 173 319 R0400       |
| Screw for BJS                              | VJS51 1SNA 173 320 R0100                    |
| Washer for BJS                             | RDJ51 1SNA 173 331 R2000                    |
| 6 Protection label                         | EP223 3 blocks 1SNA 173 327 R2400           |
| Screw for protection label                 | EP224 4 blocks 1SNA 173 328 R0500           |
|                                            | VSP22 1SNA 400 252 R1200                    |

R See section on markers marking method

## M 70/22...

Spacing 22 mm -0,1 (.866")



Standard 22 mm block with partition. Tighten clamp with 6 mm Allen Key.

| Colour   | Type                                | Part numbers       |
|----------|-------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 70/22    | 1SNA 115 216 R1300 |
| Blue     | <input type="checkbox"/> M 70/22.N  | 1SNA 125 216 R1500 |
| Beige V0 | <input type="checkbox"/> M 70/22.V0 | 1SNA 195 216 R1400 |

### Characteristics

| Wire size         | IEC                   |     | UL/CSA   |
|-------------------|-----------------------|-----|----------|
|                   | NFC                   | DIN |          |
| Screw clamp Rigid | 16-95 mm <sup>2</sup> |     | 4-00 AWG |
| Flexible          | 16-70 mm <sup>2</sup> |     | 4-00 AWG |

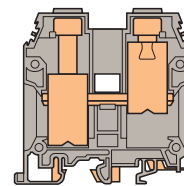
| Voltage           |        |       |
|-------------------|--------|-------|
| Rated             | 1000 V | 600 V |
| Impulse withstand | 8 kV   |       |
| Pollution degree  | 3      |       |

| Current |       |       |
|---------|-------|-------|
| Rated   | 192 A | 175 A |

| Wire size          |                          |                 |            |
|--------------------|--------------------------|-----------------|------------|
| Rated / Gauge      | 70 mm <sup>2</sup> / B11 | 00 AWG          |            |
| Wire strip. length | Recomm. tool             | Recomm. torque  | Protection |
| 25 mm              | 6 mm Allen Key           | 6-7 Nm          | IP20       |
| .98"               | .236" Allen Key          | 53,4-62,3 lb.in | NEMA 1     |

## M 70/22.O

Spacing 22 mm -0,1 (.866")



Standard 22 mm block with open partition for jumper bar.

| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 70/22.O   | 1SNA 400 256 R1600 |
| Blue   | <input type="checkbox"/> M 70/22.O.N | 1SNA 400 257 R1700 |

### Characteristics

| Wire size         | IEC                   |     | UL/CSA   |
|-------------------|-----------------------|-----|----------|
|                   | NFC                   | DIN |          |
| Screw clamp Rigid | 16-95 mm <sup>2</sup> |     | 4-00 AWG |
| Flexible          | 16-70 mm <sup>2</sup> |     | 4-00 AWG |

| Voltage           |        |       |
|-------------------|--------|-------|
| Rated             | 1000 V | 600 V |
| Impulse withstand | 8 kV   |       |
| Pollution degree  | 3      |       |

| Current |       |       |
|---------|-------|-------|
| Rated   | 192 A | 175 A |

| Wire size          |                          |                 |            |
|--------------------|--------------------------|-----------------|------------|
| Rated / Gauge      | 70 mm <sup>2</sup> / B11 | 00 AWG          |            |
| Wire strip. length | Recomm. tool             | Recomm. torque  | Protection |
| 25 mm              | 6 mm Allen Key           | 6-7 Nm          | IP20       |
| .98"               | .236" Allen Key          | 53,4-62,3 lb.in | NEMA 1     |

| Type                                    | Part numbers       |
|-----------------------------------------|--------------------|
| FEM22 th. 3,0 mm                        | 1SNA 113 065 R1500 |
| FEM22 th. 3,0 mm                        | 1SNA 103 881 R1400 |
| FEM22 th. 3,0 mm                        | 1SNA 123 065 R1700 |
| FEM22 V0 th. 3,0 mm                     | 1SNA 193 065 R1600 |
| SCF22 th. 3,0 mm                        | 1SNA 113 851 R1600 |
| SCF22 V0 th. 3,0 mm                     | 1SNA 193 851 R1700 |
| SCFCV4 (1) th. 3,0 mm                   | 1SNA 116 797 R1300 |
| SCFCV4 V0 (1) th. 3,0 mm                | 1SNA 196 797 R1400 |
| CPV4 (for SCFCV4...) 1SNA 176 791 R2100 |                    |
| BJS22 (2) 2 poles                       | 1SNA 173 316 R2100 |
| BJS22 (2) 3 poles                       | 1SNA 173 317 R2200 |
| BJS22 (2) 5 poles                       | 1SNA 173 318 R0300 |
| BJS22 (2) 10 poles                      | 1SNA 173 319 R0400 |
| VJS51                                   | 1SNA 173 320 R0100 |
| RDJ51                                   | 1SNA 173 331 R2000 |
| EP223 3 blocks                          | 1SNA 173 327 R2400 |
| EP224 4 blocks                          | 1SNA 173 328 R0500 |
| VSP22                                   | 1SNA 400 252 R1200 |

| Type                                    | Part numbers       |
|-----------------------------------------|--------------------|
| FEM22 th. 3,0 mm                        | 1SNA 113 065 R1500 |
| FEM22 th. 3,0 mm                        | 1SNA 103 881 R1400 |
| FEM22 th. 3,0 mm                        | 1SNA 123 065 R1700 |
| FEM22 V0 th. 3,0 mm                     | 1SNA 193 065 R1600 |
| SCF22 th. 3,0 mm                        | 1SNA 113 851 R1600 |
| SCF22 V0 th. 3,0 mm                     | 1SNA 193 851 R1700 |
| SCFCV4 (1) th. 3,0 mm                   | 1SNA 116 797 R1300 |
| SCFCV4 V0 (1) th. 3,0 mm                | 1SNA 196 797 R1400 |
| CPV4 (for SCFCV4...) 1SNA 176 791 R2100 |                    |
| BJS22 (2) 2 poles                       | 1SNA 173 316 R2100 |
| BJS22 (2) 3 poles                       | 1SNA 173 317 R2200 |
| BJS22 (2) 5 poles                       | 1SNA 173 318 R0300 |
| BJS22 (2) 10 poles                      | 1SNA 173 319 R0400 |
| VJS51                                   | 1SNA 173 320 R0100 |
| RDJ51                                   | 1SNA 173 331 R2000 |
| EP223 3 blocks                          | 1SNA 173 327 R2400 |
| EP224 4 blocks                          | 1SNA 173 328 R0500 |
| VSP22                                   | 1SNA 400 252 R1200 |

RC65 - RC610 RC810 RC1010

Note : (1) End sections and circuit separators snapped on rails.  
(2) Use of these accessories requires the user to cut out the partition.

# Standard terminal blocks

## Screw clamp

DIN 1 - 3

refer to the section "Special Applications" for part numbers and characteristics.

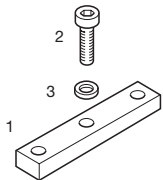
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH V0</b> | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



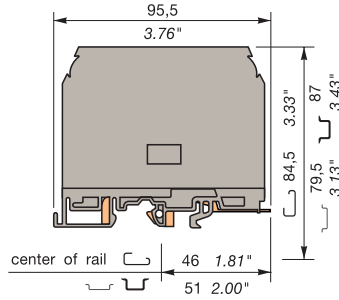
- 1 Jumper bar not assembled 232 A  
232 A  
232 A  
232 A
- 2 Screw CHC M5 for BJS
- 3 Washer for VSJ



**R** See section on markers marking method

## M 95/26...

Spacing 26 mm (1.02")



Standard 26 mm block. Delivered with end plate. Tighten clamp with 6 mm Allen Key.

| Colour   | Type              | Part numbers       |
|----------|-------------------|--------------------|
| Grey     | <b>M 95/26</b>    | 1SNA 115 556 R1000 |
| Blue     | <b>M 95/26.N</b>  | 1SNA 125 556 R1200 |
| Beige V0 | <b>M 95/26.V0</b> | 1SNA 195 556 R1100 |

### Characteristics

| Wire size   | Wire size                                                      |          |              |
|-------------|----------------------------------------------------------------|----------|--------------|
|             | IEC<br>NFC DIN                                                 | UL       | CSA          |
| Screw clamp | Rigid 35-120 mm <sup>2</sup><br>Flexible 35-95 mm <sup>2</sup> | 0000 AWG | 000 AWG maxi |

| Voltage           |        |       |       |
|-------------------|--------|-------|-------|
| Rated             | 1000 V | 600 V | 600 V |
| Impulse withstand | 8 kV   |       |       |
| Pollution degree  | 3      |       |       |

| Current |       |       |       |
|---------|-------|-------|-------|
| Rated   | 232 A | 230 A | 250 A |

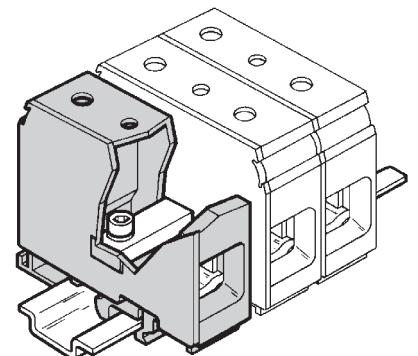
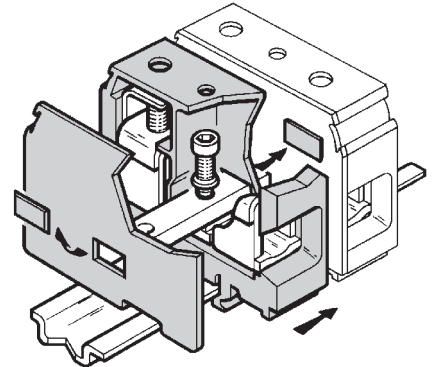
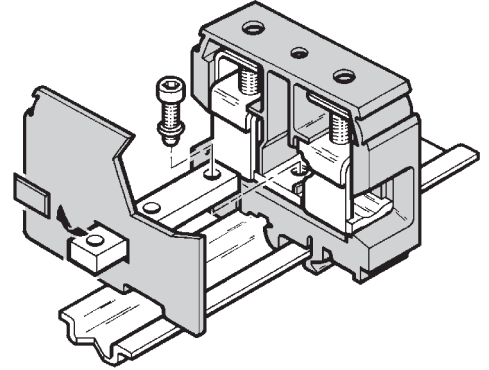
| Wire size          |                                   |                           |            |
|--------------------|-----------------------------------|---------------------------|------------|
| Rated / Gauge      | 95 mm <sup>2</sup> / B12          | 0000 AWG                  | 000 AWG    |
| Wire strip. length | Recomm. tool                      | Recomm. torque            | Protection |
| 26 mm<br>1.02"     | 6 mm Allen Key<br>.236" Allen Key | 8,5-9,5 Nm<br>74-83 lb.in | IP 10      |

| Type                | Part numbers       |
|---------------------|--------------------|
| BJS261 (1) 2 poles  | 1SNA 177 508 R0700 |
| BJS261 (1) 3 poles  | 1SNA 177 509 R0000 |
| BJS261 (1) 5 poles  | 1SNA 177 510 R2400 |
| BJS261 (1) 10 poles | 1SNA 177 511 R1100 |
| VSJ51               | 1SNA 173 320 R0100 |
| RDJ51               | 1SNA 173 331 R2000 |

RC65 - RC610 RC810 RC1010

Note : (1) Use of these accessories requires the user to cut out the partition.

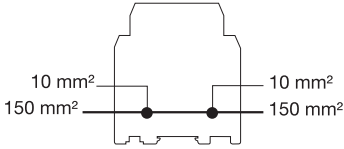
## Installation of jumper bar



# Standard terminal blocks

## Screw clamp

DIN 3



|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

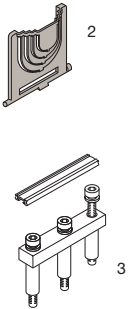
Other end stops, rails and accessories : see section on accessories.

### Notes

- \* In the wire entry :  
 - Accessory CPBP2 needed  
 - IP10 without the accessory.

### Accessories

- Jumper bar not assembled
- IP20 cover
- Assembled jumper bar

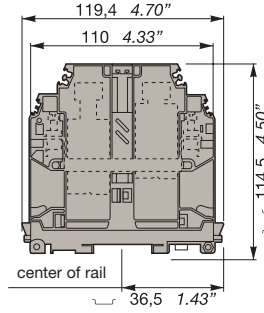


R See section on markers marking method

R

## D 150/31.D10

Spacing 31 mm (1.22")



Standard 31 mm block. Delivered with end plate and 10 mm² (6 AWG) tap.



| Colour       | Type            | Part numbers       |
|--------------|-----------------|--------------------|
| Grey         | D 150/31.D10    | 1SNA 399 715 R0400 |
| Blue         | D 150/31.D10.N  | 1SNA 399 717 R0600 |
| Yellow/Green | D 150/31.D10.PI | 1SNA 399 716 R0500 |

### Characteristics

| Wire size            | IEC        |     | UL/CSA |
|----------------------|------------|-----|--------|
|                      | NFC        | DIN |        |
| Main circuit Rigid   | 25-185 mm² |     |        |
| Screw clamp Flexible | 35-150 mm² |     |        |
| Tap Rigid            | 0,5-16 mm² |     |        |
| Screw clamp Flexible | 0,5-10 mm² |     |        |

### Voltage

|                   |        |
|-------------------|--------|
| Rated             | 1000 V |
| Impulse withstand | 12 kV  |
| Pollution degree  | 3      |

### Current Rated

|              |       |
|--------------|-------|
| Main circuit | 309 A |
| Tap          | 57 A  |

### Wire size Rated / Gauge

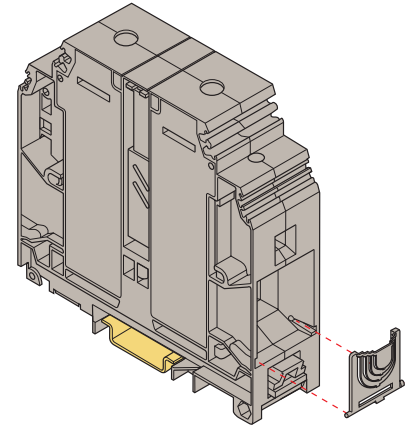
|              |               |
|--------------|---------------|
| Main circuit | 150 mm² / B14 |
| Tap          | 10 mm² / B14  |

|              | Wire strip. length | Tools              | Recomm. torque  | Protection |
|--------------|--------------------|--------------------|-----------------|------------|
| Main circuit | 35 mm              | 8 mm Allen Key     | 10-30 Nm        | IP 20 *    |
|              | 1.37"              | 0.31"              | 88.5-260 lb.in  |            |
| Tap          | 12 mm              | Screwdriver Ø 4 mm | 1,2-1,4 Nm      |            |
|              | 0.47"              |                    | 10.6-12.3 lb.in |            |

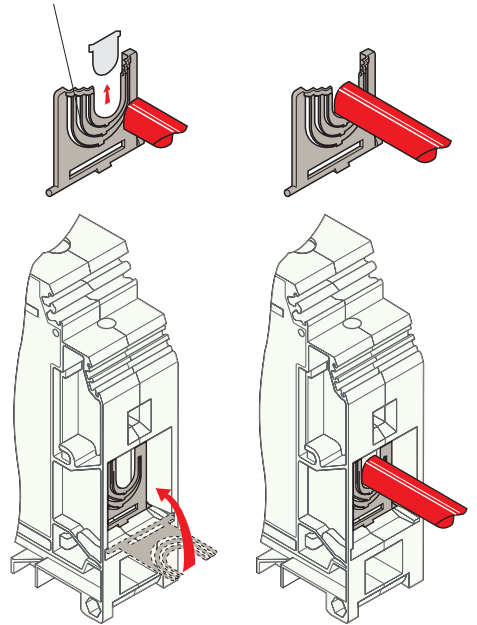
Type Part numbers

|           |         |            |                    |
|-----------|---------|------------|--------------------|
| CPBP1     |         | Consult us | 1SNA 399 788 R1600 |
| BJMI 31.2 | 2 poles | 309 A      | 1SNA 206 053 R0700 |
| BJMI 31.3 | 3 poles | 309 A      | 1SNA 206 054 R0000 |

RC1010 RC810 RC65- RC610 RC55- RC510 RC410

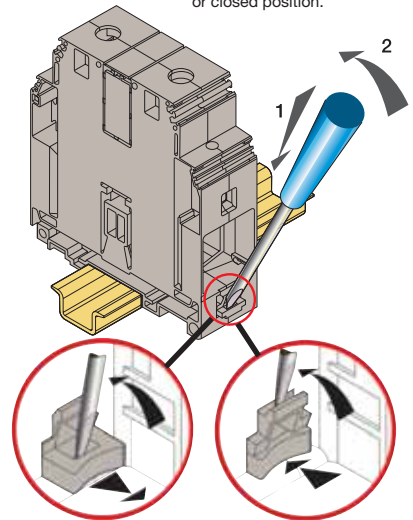


Partition to cut to fit the wire diameter.



### Locking foot operating with screwdriver DIA. 4

Sideopening "bistable action". The locking foot remains in open or closed position.



Unlocking

Locking

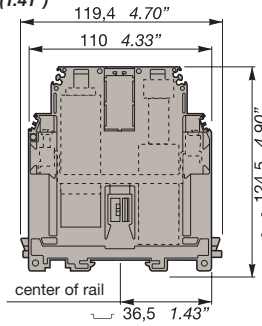
# Standard terminal blocks

## Screw clamp

DIN 3

### D 240/36.D10

Spacing 36 mm (1.41")



Standard 36 mm block. Delivered with end plate and 10 mm<sup>2</sup> (6 AWG) tap.



| Colour       | Type            | Part numbers       |
|--------------|-----------------|--------------------|
| Grey         | D 240/36.D10    | 1SNA 399 704 R1200 |
| Blue         | D 240/36.D10.N  | 1SNA 399 706 R1400 |
| Green/Yellow | D 240/36.D10.PI | 1SNA 399 705 R1300 |

### Characteristics

| Wire size            | IEC                    |     | UL/CSA |
|----------------------|------------------------|-----|--------|
|                      | NFC                    | DIN |        |
| Main circuit Rigid   | 50-300 mm <sup>2</sup> |     |        |
| Screw clamp Flexible | 35-240 mm <sup>2</sup> |     |        |
| Tap Rigid            | 0,5-16 mm <sup>2</sup> |     |        |
| Screw clamp Flexible | 0,5-10 mm <sup>2</sup> |     |        |

### Voltage

|                   |        |  |
|-------------------|--------|--|
| Rated             | 1000 V |  |
| Impulse withstand | 8 kV   |  |
| Pollution degree  | 3      |  |

### Current Rated

|              |       |  |
|--------------|-------|--|
| Main circuit | 415 A |  |
| Tap          | 57 A  |  |

### Wire size Rated / Gauge

|              |                           |  |  |
|--------------|---------------------------|--|--|
| Main circuit | 240 mm <sup>2</sup> / B14 |  |  |
| Tap          | 10 mm <sup>2</sup> / B14  |  |  |

|              | Wire strip. length | Outil de serrage   | Recomm. torque  | Protection |
|--------------|--------------------|--------------------|-----------------|------------|
| Main circuit | 35 mm              | 8 mm Allen Key     | 14-30 Nm        | IP 20 *    |
|              | 1.37"              | 0.39"              | 124-260 lb.in   |            |
| Tap          | 12 mm              | Screwdriver Ø 4 mm | 1,2-1,4 Nm      |            |
|              | 0.47"              |                    | 10.6-12.3 lb.in |            |

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

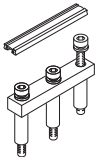
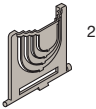
Other end stops, rails and accessories : see section on accessories.

### Notes

- \* In the wire entry :
  - Accessory CPBP2 needed
  - IP10 without the accessory.

### Accessories

- Jumper bar not assembled
- IP20 cover
- Assembled jumper bar

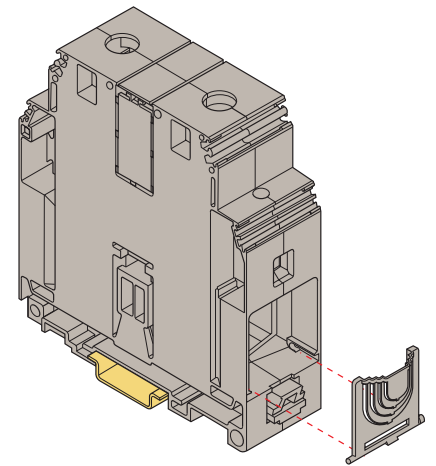


R See section on markers marking method

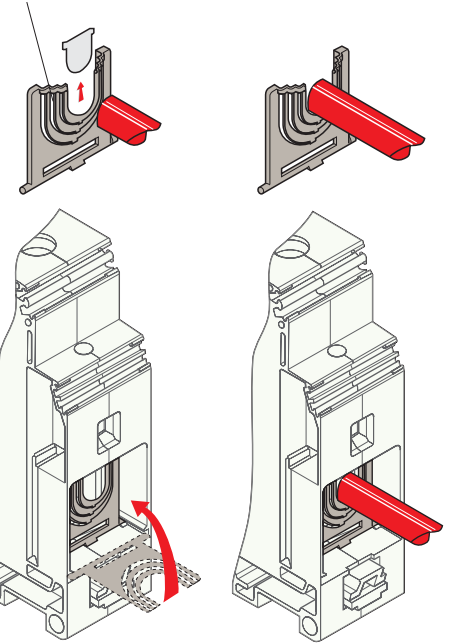
### Type Part numbers

| Type              | Part numbers             |
|-------------------|--------------------------|
| CPBP2             | Consult us               |
| BJMI 36.2 2 poles | 415 A 1SNA 399 787 R0500 |
| BJMI 36.3 3 poles | 415 A 1SNA 206 126 R2500 |
|                   | 1SNA 206 223 R0600       |

|        |       |              |              |       |
|--------|-------|--------------|--------------|-------|
| RC1010 | RC810 | RC65 - RC610 | RC55 - RC510 | RC410 |
|--------|-------|--------------|--------------|-------|

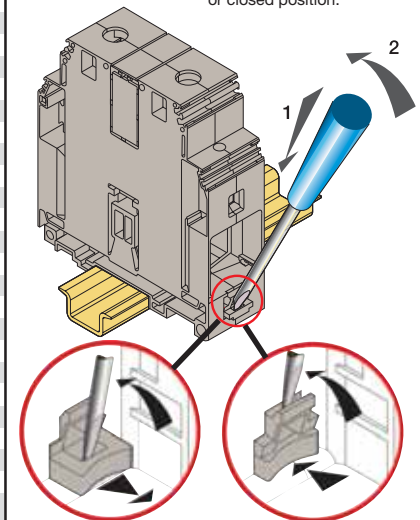


Partition to cut to fit the wire diameter.



### Locking foot operating with screwdriver DIA. 4

Sideopening "bistable action". The locking foot remains in open or closed position.



Unlocking

Locking



# Double-deck terminal blocks

## Screw clamp

DIN 1 - 3



refer to the section "Special Applications" for part numbers and characteristics.

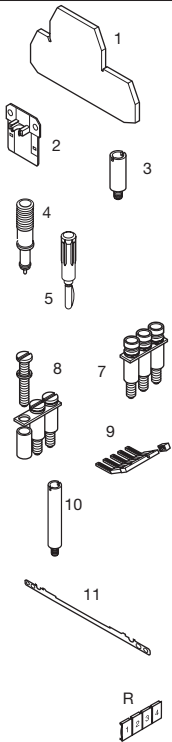
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.22  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.22  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

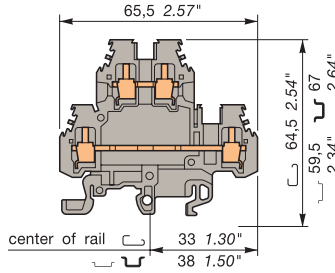
### Accessories



| Type                       | Part numbers                          |
|----------------------------|---------------------------------------|
| 1 End section              | grey<br>blue<br>beige<br>grey         |
| 2 Circuit separator        |                                       |
| 3 Test socket              |                                       |
| 4 Test device              |                                       |
| 5 Test plug                |                                       |
| 7 Assembled jumper bar     | 24 A                                  |
| (with IP 20 protection)    | 24 A                                  |
| 8 Jumper bar not assembled | 24 A                                  |
| Screw + washer + post      | 24 A                                  |
| 9 Comb type jumper bar     | 30 A                                  |
| Insulating tip             | 30 A                                  |
| 10 Vertical jumper bar     |                                       |
| 11 Shield connector        |                                       |
| R                          | See section on markers marking method |

## MA 2,5/5.D2...

Spacing 5 mm +0,08 (.200")



Standard 5 mm block

| Colour   | Type           | Part numbers       |
|----------|----------------|--------------------|
| Grey     | MA 2,5/5.D2    | 1SNA 115 490 R1300 |
| Blue     | MA 2,5/5.D2.N  | 1SNA 125 490 R1500 |
| Beige V0 | MA 2,5/5.D2.V0 | 1SNA 195 490 R1400 |

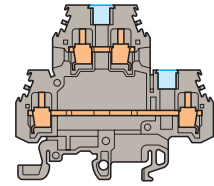
### Characteristics

| Wire size   | IEC      |                          | UL        | CSA       |
|-------------|----------|--------------------------|-----------|-----------|
|             | NFC      | DIN                      |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>    | 22-12 AWG | 20-12 AWG |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 22-12 AWG | 20-12 AWG |

| Voltage            |                          |                |            |
|--------------------|--------------------------|----------------|------------|
| Rated              | 630 V                    | 300 V          | 300 V      |
| Impulse withstand  | 8 kV                     |                |            |
| Pollution degree   | 3                        |                |            |
| Current            |                          |                |            |
| Rated              | 24 A                     | 20 A           | 25 A       |
| Wire size          |                          |                |            |
| Rated / Gauge      | 2,5 mm <sup>2</sup> / A3 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver      | Recomm. torque | Protection |
| 9 mm               | 3,5 mm                   | 0,4-0,6 Nm     | IP20       |
| .354"              | .138"                    | 3.5-5.3 lb.in  | NEMA 1     |

## MA 2,5/5.D2.1...

Spacing 5 mm +0,08 (.200")



MA 2,5/5.D2 with partition

| Colour | Type           | Part numbers       |
|--------|----------------|--------------------|
| Grey   | MA 2,5/5.D2.1  | 1SNA 115 491 R0000 |
| Blue   | MA 2,5/5.D2.1N | 1SNA 125 491 R0200 |

### Characteristics

| Wire size   | IEC      |                          | UL        | CSA       |
|-------------|----------|--------------------------|-----------|-----------|
|             | NFC      | DIN                      |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>    | 22-12 AWG | 20-12 AWG |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 22-12 AWG | 20-12 AWG |

| Voltage            |                          |                |            |
|--------------------|--------------------------|----------------|------------|
| Rated              | 630 V                    | 300 V          | 300 V      |
| Impulse withstand  | 8 kV                     |                |            |
| Pollution degree   | 3                        |                |            |
| Current            |                          |                |            |
| Rated              | 24 A                     | 20 A           | 25 A       |
| Wire size          |                          |                |            |
| Rated / Gauge      | 2,5 mm <sup>2</sup> / A3 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver      | Recomm. torque | Protection |
| 9 mm               | 3,5 mm                   | 0,4-0,6 Nm     | IP20       |
| .354"              | .138"                    | 3.5-5.3 lb.in  | NEMA 1     |

| Type        | Part numbers                   |
|-------------|--------------------------------|
| FEM6D       | th. 1,0 mm 1SNA 118 499 R2300  |
| FEM6D       | th. 1,0 mm 1SNA 128 499 R2500  |
| FEM6D V0 V0 | th. 1,0 mm 1SNA 198 499 R2400  |
| SCMA5D      | th. 1,0 mm 1SNA 116 720 R2100  |
| AL2 (1)     | DIA. 2,0 mm 1SNA 164 950 R0000 |
| DCV         | green 1SNA 173 058 R0200       |
| FC2 (3)     | DIA. 2,0 mm 1SNA 007 865 R2600 |
| BJMI5D (1)  | 2 poles 1SNA 176 736 R2100     |
| BJMI5D (1)  | 3 poles 1SNA 176 737 R2200     |
| BJMI5D (1)  | 4 poles 1SNA 176 738 R0300     |
| BJMI5D (1)  | 5 poles 1SNA 176 739 R0400     |
| BJMI5D (1)  | 10 poles 1SNA 176 740 R1100    |
| BJS5D (1)   | 20 poles 1SNA 177 651 R0500    |
| EV5D        | 1SNA 176 260 R1000             |
| PC5         | 1SNA 113 542 R1000             |
| PC5         | 2 poles 1SNA 113 542 R1000     |
| PC5         | 10 poles 1SNA 113 544 R1200    |
| EIP         | 1SNA 113 550 R2400             |
| ITV5        | 1SNA 176 259 R1300             |
| CBM5D       | th. 0,5 mm 1SNA 173 530 R2400  |

| Type        | Part numbers                   |
|-------------|--------------------------------|
| FEM6D       | th. 1,0 mm 1SNA 118 499 R2300  |
| FEM6D       | th. 1,0 mm 1SNA 128 499 R2500  |
| FEM6D V0 V0 | th. 1,0 mm 1SNA 198 499 R2400  |
| AL2         | DIA. 2,0 mm 1SNA 164 950 R0000 |
| DCV         | green 1SNA 173 058 R0200       |
| FC2 (3)     | DIA. 2,0 mm 1SNA 007 865 R2600 |
| BJMI5D (2)  | 2 poles 1SNA 176 736 R2100     |
| BJMI5D (2)  | 3 poles 1SNA 176 737 R2200     |
| BJMI5D (2)  | 4 poles 1SNA 176 738 R0300     |
| BJMI5D (2)  | 5 poles 1SNA 176 739 R0400     |
| BJMI5D (2)  | 10 poles 1SNA 176 740 R1100    |
| BJS5D (2)   | 20 poles 1SNA 177 651 R0500    |
| EV5D        | 1SNA 176 260 R1000             |
| PC5         | 2 poles 1SNA 113 542 R1000     |
| PC5         | 10 poles 1SNA 113 544 R1200    |
| EIP         | 1SNA 113 550 R2400             |
| ITV5        | 1SNA 176 259 R1300             |
| CBM5D       | th. 0,5 mm 1SNA 173 530 R2400  |

RC55 - RC510 Sides of block      RCT610 - RTM7 Top of block      RC55 - RC510 Sides of block      RCT610 - RTM7 Top of block

Note : (1) A circuit separator SC may be required with the use of these accessories.  
 (2) Use of these accessories requires the user to cut out the partition.  
 (3) For block equipped with test socket AL2.



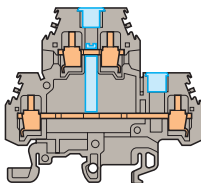
# Double-deck terminal block

## Screw clamp

DIN 1 - 3

### MA 2,5/5.D1.1...

Spacing 5 mm +0,08 (.200")



MA 2,5/5.D2.1 with vertical interconnection and partition on lower deck.



| Colour | Type           | Part numbers       |
|--------|----------------|--------------------|
| Grey   | MA 2,5/5.D1.1  | 1SNA 115 530 R1200 |
| Blue   | MA 2,5/5.D1.1N | 1SNA 125 530 R1400 |

### Characteristics

| Wire size   | IEC      |                          |           | UL        | CSA |
|-------------|----------|--------------------------|-----------|-----------|-----|
|             | NFC      | DIN                      |           |           |     |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>    | 22-12 AWG | 20-12 AWG |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 22-12 AWG | 20-12 AWG |     |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 630 V | 300 V | 300 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 24 A | 20 A | 25 A |

| Wire size          |                          |                |            |
|--------------------|--------------------------|----------------|------------|
| Rated / Gauge      | 2,5 mm <sup>2</sup> / A3 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver      | Recomm. torque | Protection |
| 9 mm               | 3,5 mm                   | 0,4-0,6 Nm     | IP20       |
| .354"              | .138"                    | 3.5-5.3 lb.in  | NEMA 1     |

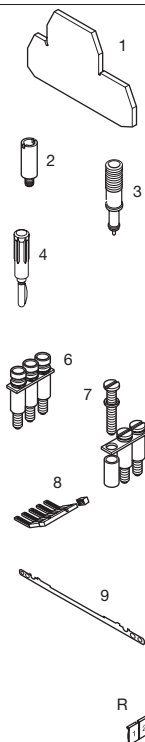
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|                            | Type                                  | Part numbers                              |
|----------------------------|---------------------------------------|-------------------------------------------|
| 1 End section              | grey                                  | FEM6D th. 1,0 mm 1SNA 118 499 R2300       |
|                            | blue                                  | FEM6D th. 1,0 mm 1SNA 128 499 R2500       |
|                            | beige                                 | FEM6D V0 th. 1,0 mm 1SNA 198 499 R2400    |
|                            |                                       | AL2 (3) DIA. 2,0 mm 1SNA 164 950 R0000    |
| 2 Test socket              |                                       | DCV green 1SNA 173 058 R0200              |
| 3 Test device              |                                       | FC2 (2) DIA. 2,0 mm 1SNA 007 865 R2600    |
| 4 Test plug                |                                       |                                           |
| 6 Assembled jumper bar     | 24 A                                  | BJMI5D (1)(3) 2 poles 1SNA 176 736 R2100  |
|                            | 24 A                                  | BJMI5D (1)(3) 3 poles 1SNA 176 737 R2200  |
|                            | 24 A                                  | BJMI5D (1)(3) 4 poles 1SNA 176 738 R0300  |
|                            | 24 A                                  | BJMI5D (1)(3) 5 poles 1SNA 176 739 R0400  |
|                            | 24 A                                  | BJMI5D (1)(3) 10 poles 1SNA 176 740 R1100 |
| 7 Jumper bar not assembled | 24 A                                  | BJS5D (1)(3) 20 poles 1SNA 177 651 R0500  |
|                            | 24 A                                  | EV5D 1SNA 176 260 R1000                   |
| 8 Comb type jumper bar     | 30 A                                  | PC5 2 poles 1SNA 113 542 R1000            |
|                            | 30 A                                  | PC5 10 poles 1SNA 113 544 R1200           |
| Insulating tip             |                                       | EIP 1SNA 113 550 R2400                    |
| 9 Shield connector         |                                       | CBM5D th. 0,5 mm 1SNA 173 530 R2400       |
| R                          | See section on markers marking method |                                           |

RC55 - RC510 Sides of block RCT610 - RTM7 Top of block

Note : (1) Use of these accessories requires the user to cut out the partition.  
 (2) For block equipped with test socket AL2.  
 (3) Only for lower deck.

# Double-deck terminal blocks

## Screw clamp

DIN 1 - 3



Ex refer to the section "Special Applications" for part numbers and characteristics.

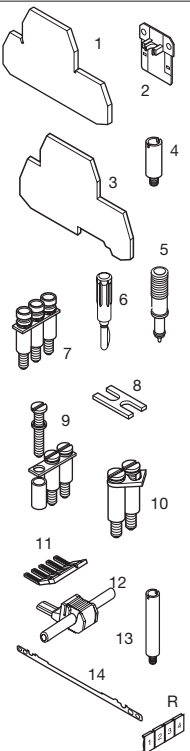
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

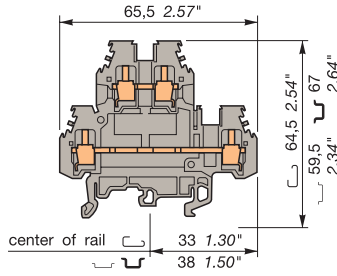
### Accessories



|                                                |                                      |  |  |  |  |
|------------------------------------------------|--------------------------------------|--|--|--|--|
| <b>1</b> End section                           | grey<br>blue<br>beige                |  |  |  |  |
| <b>2</b> Circuit separator                     | grey<br>beige                        |  |  |  |  |
| <b>3</b> Separator end section                 | grey<br>beige                        |  |  |  |  |
| <b>4</b> Test socket                           |                                      |  |  |  |  |
| <b>5</b> Test device                           |                                      |  |  |  |  |
| <b>6</b> Test plug                             |                                      |  |  |  |  |
| <b>7</b> Assembled jumper bar                  | 32 A<br>32 A<br>32 A<br>32 A<br>32 A |  |  |  |  |
| <b>8</b> Connector plate                       | 35 A                                 |  |  |  |  |
| <b>9</b> Jumper bar not assembled              | 32 A                                 |  |  |  |  |
| <b>10</b> Pivoting jumper bar                  | 35 A                                 |  |  |  |  |
| <b>11</b> Comb type jumper bar                 | 35 A                                 |  |  |  |  |
| <b>12</b> IDC jumper                           | 24 A                                 |  |  |  |  |
| <b>13</b> Vertical interconnection             |                                      |  |  |  |  |
| <b>14</b> Shield connector                     |                                      |  |  |  |  |
| <b>R</b> See section on markers marking method |                                      |  |  |  |  |

## M 4/6.D2...

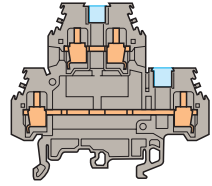
Spacing 6 mm +0,05 (.238")



Standard 6 mm block.

## M 4/6.D2.1...

Pas 6 mm +0,05 (.238")



M 4/6.D2 with partition.

| Colour   | Type                                 | Part numbers       | Colour   | Type                                   | Part numbers       |
|----------|--------------------------------------|--------------------|----------|----------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 4/6.D2    | 1SNA 115 271 R2200 | Grey     | <input type="checkbox"/> M 4/6.D2.1    | 1SNA 115 126 R0100 |
| Green    | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 044 R2100 | Blue     | <input type="checkbox"/> M 4/6.D2.1.N  | 1SNA 125 126 R0300 |
| Yellow   | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 045 R2200 | Beige V0 | <input type="checkbox"/> M 4/6.D2.1.V0 | 1SNA 195 126 R0200 |
| White    | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 046 R2300 |          |                                        |                    |
| Black    | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 047 R2400 |          |                                        |                    |
| Red      | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 048 R0500 |          |                                        |                    |
| Orange   | <input type="checkbox"/> M 4/6.D2    | 1SNA 105 049 R0600 |          |                                        |                    |
| Blue     | <input type="checkbox"/> M 4/6.D2.N  | 1SNA 125 271 R2400 |          |                                        |                    |
| Beige V0 | <input type="checkbox"/> M 4/6.D2.V0 | 1SNA 195 271 R2300 |          |                                        |                    |

### Characteristics

| Wire size   | IEC      |                        |           | UL        | CSA |
|-------------|----------|------------------------|-----------|-----------|-----|
|             | NFC      | DIN                    |           |           |     |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 24-12 AWG |     |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |     |

| Voltage           | IEC   |          |       | UL | CSA |
|-------------------|-------|----------|-------|----|-----|
|                   | NFC   | DIN      |       |    |     |
| Rated             | 800 V | 300 V(5) | 600 V |    |     |
| Impulse withstand | 8 kV  |          |       |    |     |
| Pollution degree  | 3     |          |       |    |     |

| Current | IEC  |      |      | UL | CSA |
|---------|------|------|------|----|-----|
|         | NFC  | DIN  |      |    |     |
| Rated   | 32 A | 20 A | 25 A |    |     |

| Wire size          | IEC                    |                |            | UL | CSA |
|--------------------|------------------------|----------------|------------|----|-----|
|                    | NFC                    | DIN            |            |    |     |
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |    |     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |    |     |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |    |     |
| .33"               | .157"                  | 4.4-7.1 lb.in  | NEMA 1     |    |     |

### Characteristics

| Wire size   | IEC      |                        |           | UL        | CSA |
|-------------|----------|------------------------|-----------|-----------|-----|
|             | NFC      | DIN                    |           |           |     |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 24-12 AWG |     |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |     |

| Voltage           | IEC   |          |       | UL | CSA |
|-------------------|-------|----------|-------|----|-----|
|                   | NFC   | DIN      |       |    |     |
| Rated             | 800 V | 300 V(5) | 600 V |    |     |
| Impulse withstand | 8 kV  |          |       |    |     |
| Pollution degree  | 3     |          |       |    |     |

| Current | IEC  |      |      | UL | CSA |
|---------|------|------|------|----|-----|
|         | NFC  | DIN  |      |    |     |
| Rated   | 32 A | 20 A | 25 A |    |     |

| Wire size          | IEC                    |                |            | UL | CSA |
|--------------------|------------------------|----------------|------------|----|-----|
|                    | NFC                    | DIN            |            |    |     |
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |    |     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |    |     |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |    |     |
| .33"               | .157"                  | 4.4-7.1 lb.in  | NEMA 1     |    |     |

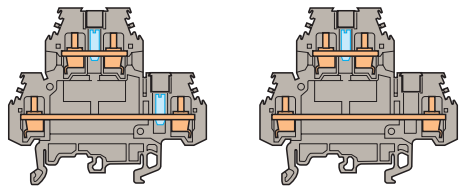
| Type     | Part numbers                       | Type     | Part numbers                       |
|----------|------------------------------------|----------|------------------------------------|
| FEM6D    | th. 1,0 mm 1SNA 118 499 R2300      | FEM6D    | th. 1,0 mm 1SNA 118 499 R2300      |
| FEM6D    | th. 1,0 mm 1SNA 128 499 R2500      | FEM6D    | th. 1,0 mm 1SNA 128 499 R2500      |
| FEM6D V0 | th. 1,0 mm 1SNA 198 499 R2400      | FEM6D V0 | th. 1,0 mm 1SNA 198 499 R2400      |
| SCM6D    | 1SNA 113 482 R0500                 | SCM6D    | 1SNA 113 482 R0500                 |
| SCM6D V0 | 1SNA 193 482 R0600                 | SCM6D V0 | 1SNA 193 482 R0600                 |
| SCF6D    | th. 1,0 mm 1SNA 118 495 R1700      | SCF6D    | th. 1,0 mm 1SNA 118 495 R1700      |
| SCF6D V0 | th. 1,0 mm 1SNA 198 495 R1000      | SCF6D V0 | th. 1,0 mm 1SNA 198 495 R1000      |
| AL2      | (1) DIA. 2,0 mm 1SNA 163 070 R0000 | AL2      | DIA. 2,0 mm 1SNA 163 070 R0000     |
| AL3      | (1) DIA. 3,0 mm 1SNA 163 261 R0000 | AL3      | DIA. 3,0 mm 1SNA 163 261 R0000     |
| DCG      | grey 1SNA 163 218 R0500            | DCG      | grey 1SNA 163 218 R0500            |
| FC2      | (3) DIA. 2,0 mm 1SNA 007 865 R2600 | FC2      | (3) DIA. 2,0 mm 1SNA 007 865 R2600 |
| BJMI6D   | (1) 2 poles 1SNA 179 668 R2000     | BJMI6D   | (2) 2 poles 1SNA 179 668 R2000     |
| BJMI6D   | (1) 3 poles 1SNA 179 669 R2100     | BJMI6D   | (2) 3 poles 1SNA 179 669 R2100     |
| BJMI6D   | (1) 4 poles 1SNA 179 670 R2600     | BJMI6D   | (2) 4 poles 1SNA 179 670 R2600     |
| BJMI6D   | (1) 5 poles 1SNA 179 671 R1300     | BJMI6D   | (2) 5 poles 1SNA 179 671 R1300     |
| BJMI6D   | (1) 10 poles 1SNA 179 672 R1400    | BJMI6D   | (2) 10 poles 1SNA 179 672 R1400    |
| EL6      | 1SNA 173 627 R2100                 | EL6      | 1SNA 173 627 R2100                 |
| BJS61    | (1)(4) 10 poles 1SNA 168 485 R2700 | BJS61    | (2)(4) 10 poles 1SNA 168 485 R2700 |
| EV6D     | 1SNA 168 400 R1600                 | EV6D     | 1SNA 168 400 R1600                 |
| BJP61    | 1SNA 167 225 R2000                 | BJP61    | 1SNA 167 225 R2000                 |
| PC61     | 10 poles 1SNA 163 311 R2200        | PC61     | 10 poles 1SNA 163 311 R2200        |
| AD2,5    | 1SNA 114 205 R2000                 | AD2,5    | 1SNA 114 205 R2000                 |
| ITV6     | 1SNA 168 962 R0400                 | ITV6     | 1SNA 168 962 R0400                 |
| CBM5D    | th. 0,5 mm 1SNA 173 530 R2400      | CBM5D    | th. 0,5 mm 1SNA 173 530 R2400      |

RC65 - RC610 Sides of block RCT610 - RTM7 Top of block  
 Note : (1) A circuit separator SC may be required with the use of these accessories. (2) Use of these accessories requires the user to cut out the partition. (3) For block equipped with test socket AL2. (4) See section accessories for other configuration of poles. (5) 600 V with end section.

**M 4/6.D2.2...**

**M 4/6.D2.4**

Spacing 6 mm + 0,05 (.238")



M 4/6.D2.2... equipped with 2 test sockets.  
M 4/6.D2.4 equipped with 1 test socket for upper deck only.

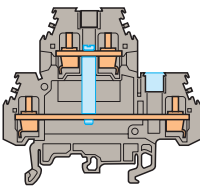


| Colour                      | Type                                   | Part numbers       |
|-----------------------------|----------------------------------------|--------------------|
| Grey/Test socket DIA. 2     | <input type="checkbox"/> M 4/6.D2.2    | 1SNA 115 322 R1500 |
| Beige V0/Test socket DIA. 2 | <input type="checkbox"/> M 4/6.D2.2.V0 | 1SNA 195 322 R1600 |
| Grey/Test socket DIA. 3     | <input type="checkbox"/> M 4/6.D2.3    | 1SNA 115 269 R0000 |
| Grey/Test socket DIA. 4     | <input type="checkbox"/> M 4/6.D2.4    | 1SNA 115 617 R1500 |

for upper deck only

**M 4/6.D1...**

Spacing 6 mm + 0,05 (.238")



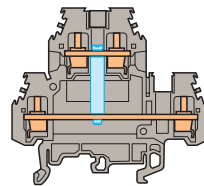
M 4/6.D2.1 with vertical interconnection and partition on the lower deck.



| Colour   | Type                                 | Part numbers       |
|----------|--------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 4/6.D1    | 1SNA 115 166 R1100 |
| Blue     | <input type="checkbox"/> M 4/6.D1.N  | 1SNA 125 166 R1300 |
| Beige V0 | <input type="checkbox"/> M 4/6.D1.V0 | 1SNA 195 166 R1200 |

**M 4/6.D1.1...**

Spacing 6 mm + 0,05 (.238")



M 4/6.D1 with no partition on the lower deck.



| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/6.D1.1  | 1SNA 115 204 R2000 |
| Blue   | <input type="checkbox"/> M 4/6.D1.1N | 1SNA 125 204 R2200 |

**Characteristics**

| Wire size   | Wire size                   |           |           |
|-------------|-----------------------------|-----------|-----------|
|             | IEC NFC DIN                 | UL        | CSA       |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
| Flexible    | 0,22-4 mm <sup>2</sup>      | 22-12 AWG | 24-12 AWG |

| Voltage           |           |       |       |
|-------------------|-----------|-------|-------|
| Rated             | 630 V (5) | 300 V | 300 V |
| Impulse withstand | 8 kV (5)  |       |       |
| Pollution degree  | 3         |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |
| .33"               | .16"                   | 4.4-7.1 lb.in  | NEMA 1     |

| Type        | Part numbers                   |
|-------------|--------------------------------|
| FEM6D       | th. 1,0 mm 1SNA 118 499 R2300  |
| FEM6D       | th. 1,0 mm 1SNA 128 499 R2500  |
| FEM6D V0 V0 | th. 1,0 mm 1SNA 198 499 R2400  |
| SCM6D       | th. 1,0 mm 1SNA 113 482 R0500  |
| SCM6D V0 V0 | 1SNA 193 482 R0600             |
| SCF6D       | th. 1,0 mm 1SNA 118 495 R1700  |
| SCF6D V0 V0 | th. 1,0 mm 1SNA 198 495 R1000  |
| DCG         | grey 1SNA 163 218 R0500        |
| FC2         | DIA. 2,0 mm 1SNA 007 865 R2600 |
| FC4         | DIA. 4,0 mm 1SNA 167 860 R0100 |

**Characteristics**

| Wire size   | Wire size                   |           |           |
|-------------|-----------------------------|-----------|-----------|
|             | IEC NFC DIN                 | UL        | CSA       |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
| Flexible    | 0,22-4 mm <sup>2</sup>      | 22-12 AWG | 24-12 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 300 V | 300 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |
| .33"               | .16"                   | 4.4-7.1 lb.in  | NEMA 1     |

| Type        | Part numbers                   |
|-------------|--------------------------------|
| FEM6D       | th. 1,0 mm 1SNA 118 499 R2300  |
| FEM6D       | th. 1,0 mm 1SNA 128 499 R2500  |
| FEM6D V0 V0 | th. 1,0 mm 1SNA 198 499 R2400  |
| SCM6D       | th. 1,0 mm 1SNA 113 482 R0500  |
| SCM6D V0 V0 | 1SNA 193 482 R0600             |
| SCF6D       | th. 1,0 mm 1SNA 118 495 R1700  |
| SCF6D V0 V0 | th. 1,0 mm 1SNA 198 495 R1000  |
| AL2 (6)     | DIA. 2,0 mm 1SNA 163 070 R0000 |
| AL3 (6)     | DIA. 3,0 mm 1SNA 163 261 R0000 |
| DCG         | grey 1SNA 163 218 R0500        |
| FC2         | DIA. 2,0 mm 1SNA 007 865 R2600 |

|                   |            |                    |
|-------------------|------------|--------------------|
| BJMI6D (2) (6)    | 2 poles    | 1SNA 179 668 R2000 |
| BJMI6D (2) (6)    | 3 poles    | 1SNA 179 669 R2100 |
| BJMI6D (2) (6)    | 4 poles    | 1SNA 179 670 R2600 |
| BJMI6D (2) (6)    | 5 poles    | 1SNA 179 671 R1300 |
| BJMI6D (2) (6)    | 10 poles   | 1SNA 179 672 R1400 |
| EL6               |            | 1SNA 173 627 R2100 |
| BJS61 (2) (4) (6) | 10 poles   | 1SNA 168 485 R2700 |
| EV6D              |            | 1SNA 168 400 R1600 |
| BJP61 (6)         |            | 1SNA 167 225 R2000 |
| PC61              | 10 poles   | 1SNA 163 311 R2200 |
| AD2,5             |            | 1SNA 114 205 R2000 |
| CBM5D             | th. 0,5 mm | 1SNA 173 530 R2400 |

delivered with the block

RC65 - RC610 Sides of block RCT610 - RTM7 Top of block

**Characteristics**

| Wire size   | Wire size                   |           |           |
|-------------|-----------------------------|-----------|-----------|
|             | IEC NFC DIN                 | UL        | CSA       |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
| Flexible    | 0,22-4 mm <sup>2</sup>      | 22-12 AWG | 24-12 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 300 V | 300 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |
| .33"               | .16"                   | 4.4-7.1 lb.in  | NEMA 1     |

| Type        | Part numbers                   |
|-------------|--------------------------------|
| FEM6D       | th. 1,0 mm 1SNA 118 499 R2300  |
| FEM6D       | th. 1,0 mm 1SNA 128 499 R2500  |
| FEM6D V0 V0 | th. 1,0 mm 1SNA 198 499 R2400  |
| SCM6D       | th. 1,0 mm 1SNA 113 482 R0500  |
| SCM6D V0 V0 | 1SNA 193 482 R0600             |
| SCF6D       | th. 1,0 mm 1SNA 118 495 R1700  |
| SCF6D V0 V0 | th. 1,0 mm 1SNA 198 495 R1000  |
| AL2 (1) (6) | DIA. 2,0 mm 1SNA 163 070 R0000 |
| AL3 (1) (6) | DIA. 3,0 mm 1SNA 163 261 R0000 |
| DCG         | grey 1SNA 163 218 R0500        |
| FC2         | DIA. 2,0 mm 1SNA 007 865 R2600 |

|                   |            |                    |
|-------------------|------------|--------------------|
| BJMI6D (1) (6)    | 2 poles    | 1SNA 179 668 R2000 |
| BJMI6D (1) (6)    | 3 poles    | 1SNA 179 669 R2100 |
| BJMI6D (1) (6)    | 4 poles    | 1SNA 179 670 R2600 |
| BJMI6D (1) (6)    | 5 poles    | 1SNA 179 671 R1300 |
| BJMI6D (1) (6)    | 10 poles   | 1SNA 179 672 R1400 |
| EL6               |            | 1SNA 173 627 R2100 |
| BJS61 (1) (4) (6) | 10 poles   | 1SNA 168 485 R2700 |
| EV6D              |            | 1SNA 168 400 R1600 |
| BJP61 (6)         |            | 1SNA 167 225 R2000 |
| PC61              | 10 poles   | 1SNA 163 311 R2200 |
| AD2,5             |            | 1SNA 114 205 R2000 |
| CBM5D             | th. 0,5 mm | 1SNA 173 530 R2400 |

delivered with the block

RC65 - RC610 Sides of block RCT610 - RTM7 Top of block

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) Use of these accessories requires the user to cut out the partition. (4) See section accessories for other configuration of poles. (5) Only for block M 4/6.D2.2. 200V/2,5 kV for blocks M 4/6.D2.3 and M 4/6.D2.4. (6) These accessories can be used on the lower deck only.

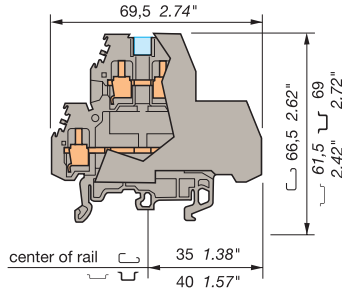
# Double-deck terminal blocks

## Screw clamp

DIN 1 - 3

### M 4/7.D2.1

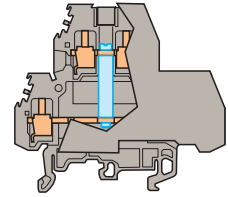
Spacing 7 mm +0,1 (.280")



M 4/6.D2.1 equipped with a partition for 600 V CSA.

### M 4/7.D1

Spacing 7 mm +0,1 (.280")



M 4/6.D1 equipped with a partition for 600 V CSA.

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

| Colour | Type | Part numbers                  | Colour | Type | Part numbers                |
|--------|------|-------------------------------|--------|------|-----------------------------|
| Grey   |      | M 4/7.D2.1 1SNA 115 127 R0200 | Grey   |      | M 4/7.D1 1SNA 115 167 R1200 |

### Characteristics

| Wire size   |          | IEC                    | UL        | CSA       |
|-------------|----------|------------------------|-----------|-----------|
|             |          | NFC DIN                |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |
| .33"               | .16"                   | 4.4-7.1 lb.in  | NEMA 1     |

### Characteristics

| Wire size   |          | IEC                    | UL        | CSA       |
|-------------|----------|------------------------|-----------|-----------|
|             |          | NFC DIN                |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 32 A | 20 A | 25 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 8,5 mm             | 4 mm                   | 0,5-0,8 Nm     | IP20       |
| .33"               | .16"                   | 4.4-7.1 lb.in  | NEMA 1     |

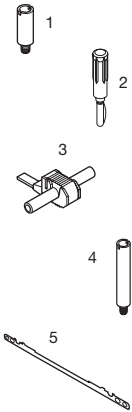
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH VO | VO | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



| Type                       | Part numbers                         |
|----------------------------|--------------------------------------|
| 1 Test socket              | AL2 DIA. 2 mm 1SNA 163 070 R0000     |
| 2 Test plug                | AL3 DIA. 3 mm 1SNA 163 261 R0000     |
| 3 IDC jumper               | FC2 (1) DIA. 2 mm 1SNA 007 865 R2600 |
| 4 Vertical interconnection | AD2,5 1SNA 114 205 R2000             |
| 5 Shield connector         | ITV6 1SNA 168 962 R0400              |
|                            | CBM5D th. 0,5 mm 1SNA 173 530 R2400  |

| Type  | Part numbers                     |
|-------|----------------------------------|
| AL2   | (2) DIA. 2 mm 1SNA 163 070 R0000 |
| AL3   | (2) DIA. 3 mm 1SNA 163 261 R0000 |
| FC2   | (1) DIA. 2 mm 1SNA 007 865 R2600 |
| AD2,5 | 1SNA 114 205 R2000               |
| ITV6  | delivered with the block         |
| CBM5D | th. 0,5 mm 1SNA 173 530 R2400    |

| Type  | Part numbers                     |
|-------|----------------------------------|
| AL2   | (2) DIA. 2 mm 1SNA 163 070 R0000 |
| AL3   | (2) DIA. 3 mm 1SNA 163 261 R0000 |
| FC2   | (1) DIA. 2 mm 1SNA 007 865 R2600 |
| AD2,5 | 1SNA 114 205 R2000               |
| ITV6  | delivered with the block         |
| CBM5D | th. 0,5 mm 1SNA 173 530 R2400    |



R See section on markers marking method

RC65 - RC610 Sides of block

Note : (1) For block equipped with AL2.

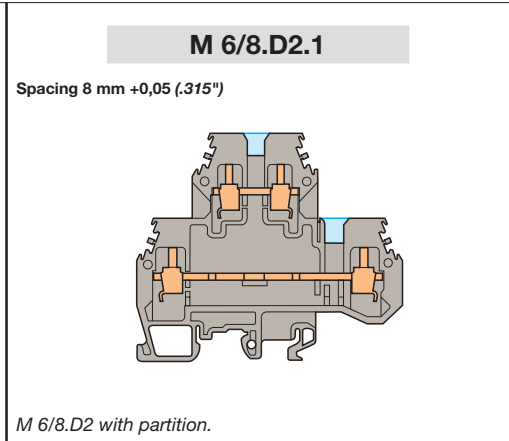
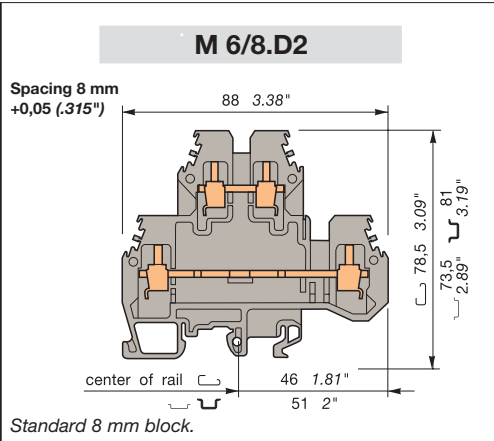
(2) These accessories can be used on the lower deck only.

RC65 - RC610 Sides of block

# Double-deck terminal blocks

## Screw clamp

DIN 1 - 3



| Colour   | Type        | Part numbers       |
|----------|-------------|--------------------|
| Grey     | M 6/8.D2    | 1SNA 115 501 R1200 |
| Beige V0 | M 6/8.D2.V0 | 1SNA 195 501 R1300 |

| Colour | Type       | Part numbers       |
|--------|------------|--------------------|
| Grey   | M 6/8.D2.1 | 1SNA 115 497 R0600 |

| Characteristics |          |                        |          |            |
|-----------------|----------|------------------------|----------|------------|
| Wire size       | IEC      |                        | UL       | CSA        |
|                 | NFC      | DIN                    |          |            |
| Screw clamp     | Rigid    | 0,5-10 mm <sup>2</sup> | 18-8 AWG | 8 AWG Max. |
|                 | Flexible | 0,5-6 mm <sup>2</sup>  | 18-8 AWG | 8 AWG Max. |

| Characteristics |          |                        |          |            |
|-----------------|----------|------------------------|----------|------------|
| Wire size       | IEC      |                        | UL       | CSA        |
|                 | NFC      | DIN                    |          |            |
| Screw clamp     | Rigid    | 0,5-10 mm <sup>2</sup> | 18-8 AWG | 8 AWG Max. |
|                 | Flexible | 0,5-6 mm <sup>2</sup>  | 18-8 AWG | 8 AWG Max. |

| Voltage            |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated              | 800 V                  | 600 V          | 600 V      |
| Impulse withstand  | 8 kV                   |                |            |
| Pollution degree   | 3                      |                |            |
| Current            |                        |                |            |
| Rated              | 41 A                   | 50 A           | 45 A       |
| Wire size          |                        |                |            |
| Rated / Gauge      | 6 mm <sup>2</sup> / A5 | 8 AWG          | 8 AWG      |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 12 mm              | 4-5 mm                 | 0,8-1 Nm       | IP 20      |
| .47"               | .157"-.197"            | 7.1-8.9 lb.in  | NEMA 1     |

| Voltage            |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated              | 800 V                  | 600 V          | 600 V      |
| Impulse withstand  | 8 kV                   |                |            |
| Pollution degree   | 3                      |                |            |
| Current            |                        |                |            |
| Rated              | 41 A                   | 50 A           | 45 A       |
| Wire size          |                        |                |            |
| Rated / Gauge      | 6 mm <sup>2</sup> / A5 | 8 AWG          | 8 AWG      |
| Wire strip. length | Recomm. Screwdriver    | Recomm. torque | Protection |
| 12 mm              | 4-5 mm                 | 0,8-1 Nm       | IP 20      |
| .47"               | .157"-.197"            | 7.1-8.9 lb.in  | NEMA 1     |

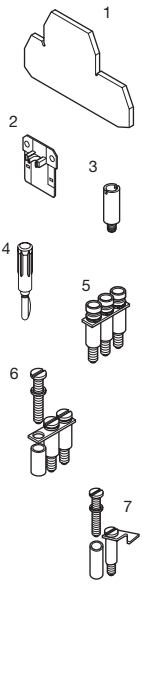
|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



| Type                                          | Part numbers                     |
|-----------------------------------------------|----------------------------------|
| 1 End section                                 | grey<br>grey<br>beige V0<br>grey |
| 2 Circuit separator                           |                                  |
| 3 Test socket                                 |                                  |
| 4 Test plug                                   |                                  |
| 5 Assembled jumper bar                        | 41 A                             |
| 5 Assembled jumper bar                        | 41 A                             |
| 5 Assembled jumper bar (with IP20 protection) | 41 A                             |
| 5 Assembled jumper bar                        | 41 A                             |
| 5 Assembled jumper bar                        | 41 A                             |
| 6 Jumper bar not assembled                    | 41 A                             |
| 7 Pivoting jumper bar                         | 50 A                             |

| Type   | Part numbers                       |
|--------|------------------------------------|
| FEM8D1 | th. 1 mm 1SNA 116 656 R2500        |
| FEM8D2 | th. 4 mm 1SNA 116 657 R2600        |
| FEM8D1 | th. 1 mm 1SNA 196 656 R2600        |
| SCM6   | 1SNA 113 003 R1000                 |
| AL2    | (1) DIA. 2 mm 1SNA 163 043 R2100   |
| AL3    | (1) DIA. 3 mm 1SNA 163 261 R0000   |
| AL4    | (1) DIA. 4 mm 1SNA 163 262 R0100   |
| FC2    | DIA. 2 mm 1SNA 007 865 R2600       |
| FC4    | DIA. 4 mm 1SNA 167 860 R0100       |
| BJMI8  | (1) 2 poles 1SNA 176 669 R1600     |
| BJMI8  | (1) 3 poles 1SNA 176 670 R1300     |
| BJMI8  | (1) 4 poles 1SNA 176 671 R0000     |
| BJMI8  | (1) 5 poles 1SNA 176 672 R0100     |
| BJMI8  | (1) 10 poles 1SNA 176 673 R0200    |
| BJS8   | (1)(3) 20 poles 1SNA 174 789 R0500 |
| BJP82  | 1SNA 163 169 R0400                 |

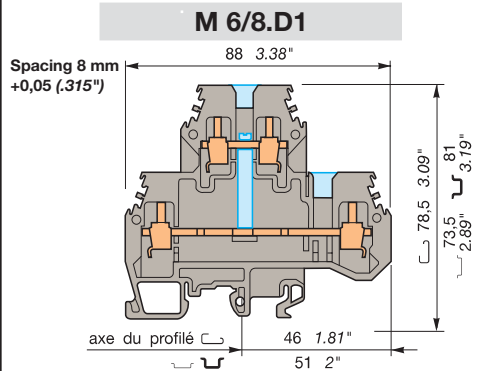
| Type   | Part numbers                    |
|--------|---------------------------------|
| FEM8D1 | th. 1 mm 1SNA 116 656 R2500     |
| FEM8D2 | th. 4 mm 1SNA 116 657 R2600     |
| AL2    | DIA. 2 mm 1SNA 163 043 R2100    |
| AL3    | DIA. 3 mm 1SNA 163 261 R0000    |
| AL4    | DIA. 4 mm 1SNA 163 262 R0100    |
| FC2    | DIA. 2 mm 1SNA 007 865 R2600    |
| FC4    | DIA. 4 mm 1SNA 167 860 R0100    |
| BJMI8  | (2) 2 poles 1SNA 176 669 R1600  |
| BJMI8  | (2) 3 poles 1SNA 176 670 R1300  |
| BJMI8  | (2) 4 poles 1SNA 176 671 R0000  |
| BJMI8  | (2) 5 poles 1SNA 176 672 R0100  |
| BJMI8  | (2) 10 poles 1SNA 176 673 R0200 |
| BJS8   | (3) 20 poles 1SNA 174 789 R0500 |
| BJP82  | 1SNA 163 169 R0400              |

Note : (1) A circuit separator SC may be required with the use of these accessories. (2) Use of these accessories requires the user to cut out the partition. (3) See section accessories for other configuration of poles.

# Double-deck terminal blocks

## Screw clamp

DIN 1 - 3



M 6/8.D2.1 with vertical interconnection and partition on the lower deck.

| Colour | Type                              | Part numbers       |
|--------|-----------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 6/8.D1 | 1SNA 115 498 R1700 |

### Characteristics

| Wire size   |                |                        |          |            |
|-------------|----------------|------------------------|----------|------------|
|             | IEC<br>NFC DIN | UL                     | CSA      |            |
| Screw clamp | Rigid          | 0,5-10 mm <sup>2</sup> | 18-8 AWG | 8 AWG Max. |
|             | Flexible       | 0,5-6 mm <sup>2</sup>  | 18-8 AWG | 8 AWG Max. |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 600 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 41 A | 50 A | 45 A |

| Wire size         |                               |                            |                     |
|-------------------|-------------------------------|----------------------------|---------------------|
| Rated / Gauge     | 6 mm <sup>2</sup> / A5        | 8 AWG                      | 8 AWG               |
| Wire strip length | Recomm. Screwdriver<br>4-5 mm | Recomm. torque<br>0,8-1 Nm | Protection<br>IP 20 |
| .47"              | .157"-.197"                   | 7.1-8.9 lb.in              | NEMA 1              |

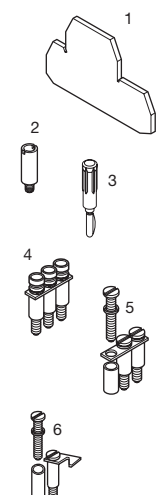
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|                            | Type | Part numbers                               |
|----------------------------|------|--------------------------------------------|
| 1 End section              | grey | FEM8D1 th. 1 mm 1SNA 116 656 R2500         |
| 1 End section              | grey | FEM8D2 th. 4 mm 1SNA 116 657 R2600         |
| 2 Test socket              |      | AL2 (1) DIA. 2 mm 1SNA 163 043 R2100       |
|                            |      | AL3 (1) DIA. 3 mm 1SNA 163 261 R0000       |
|                            |      | AL4 (1) DIA. 4 mm 1SNA 163 262 R0100       |
| 3 Test plug                |      | FC2 DIA. 2 mm 1SNA 007 865 R2600           |
|                            |      | FC4 DIA. 4 mm 1SNA 167 860 R0100           |
| 4 Assembled jumper bar     | 41 A | BJMI8 (1)(2) 2 poles 1SNA 176 669 R1600    |
|                            | 41 A | BJMI8 (1)(2) 3 poles 1SNA 176 670 R1300    |
| (with IP20 protection)     | 41 A | BJMI8 (1)(2) 4 poles 1SNA 176 671 R0000    |
|                            | 41 A | BJMI8 (1)(2) 5 poles 1SNA 176 672 R0100    |
|                            | 41 A | BJMI8 (1)(2) 10 poles 1SNA 176 673 R0200   |
| 5 Jumper bar not assembled | 41 A | BJS8 (1)(2)(3) 20 poles 1SNA 174 789 R0500 |
| 6 Pivoting jumper bar      | 50 A | BJP82 1SNA 163 169 R0400                   |



R See section on marking marking method

| Type         | Part numbers         |
|--------------|----------------------|
| RC65 - RC610 | RC810 Sides of block |

Note : (1) These accessories can be used on the lower deck only. (2) Use of these accessories requires the user to cut out the partition. (3) See section accessories for other configuration of poles.

## Triple-deck terminal blocks

Screw clamp

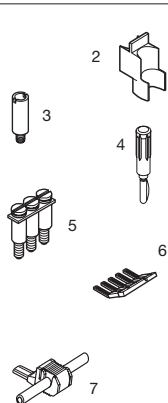
↳ DIN 3

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

### Accessories



|   |                      |       |
|---|----------------------|-------|
| 1 | End section          |       |
| 2 | Circuit separator    | white |
| 3 | Test socket          |       |
| 4 | Test plug            |       |
| 5 | Assembled jumper bar | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
|   |                      | 32A   |
| 6 | Comb type jumper bar |       |
| 7 | IDC jumper           | 24A   |

R See section on markers marking method

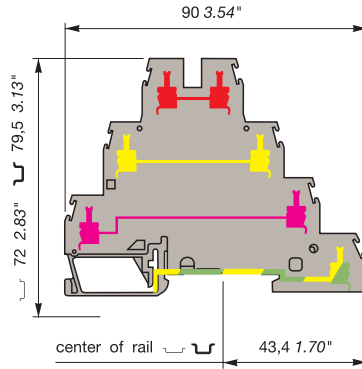


| <h3>D 4/6.T3</h3> <p>Spacing 6 mm (.238")</p> <p>Standard 6 mm block.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <h3>D 4/6.T1</h3> <p>Spacing 6 mm (.238")</p> <p>D4/6.T3 with vertical interconnection.</p>                                                                                    |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|----------------------------------------------------------------------------------------------------|-----------------------|-------------------------|--------------------|-------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-----------------------|-------------------------|--------------------|--------------------|----------------|--------------|-----------------------------|-----------------|---------|--------------------|------------------------|-----------|--------------------|-----------|---------|--------------------|-----------|----------|--------------------|------|----------|--------------------|-------|----|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------------|-------|----|--------------------|
| <p>Colour Type Part numbers</p> <p>3 "feed-through" circuits<br/>Grey V0 <span style="border: 1px solid black; padding: 0 2px;">□</span> <b>D 4/6.T3</b> 1SNA 299 683 R0100</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Colour Type Part numbers</p> <p>6 interconnected clamps<br/>Black V0 <span style="border: 1px solid black; padding: 0 2px;">■</span> <b>D 4/6.T1</b> 1SNA 199 219 R0300</p> |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <h3>Characteristics</h3> <table border="1"> <tr> <th rowspan="2">Wire size</th> <th colspan="2">IEC</th> <th rowspan="2">UL/CSA</th> </tr> <tr> <th>NFC</th> <th>DIN</th> </tr> <tr> <td>Screw clamp</td> <td>Rigid</td> <td>0,2-4 mm<sup>2</sup></td> <td>22-12 AWG</td> </tr> <tr> <td></td> <td>Flexible</td> <td>0,22-4 mm<sup>2</sup></td> <td>22-12 AWG</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Wire size                                                                                                                                                                      | IEC                         |                    | UL/CSA                                                                                             | NFC                   | DIN                     | Screw clamp        | Rigid       | 0,2-4 mm <sup>2</sup> | 22-12 AWG                                                                                                                                                                                                                        |                             | Flexible           | 0,22-4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                          | 22-12 AWG         | <h3>Characteristics</h3> <table border="1"> <tr> <th rowspan="2">Wire size</th> <th colspan="2">IEC</th> <th rowspan="2">UL/CSA</th> </tr> <tr> <th>NFC</th> <th>DIN</th> </tr> <tr> <td>Screw clamp</td> <td>Rigid</td> <td>0,2-4 mm<sup>2</sup></td> <td>22-12 AWG</td> </tr> <tr> <td></td> <td>Flexible</td> <td>0,22-4 mm<sup>2</sup></td> <td>22-12 AWG</td> </tr> </table> | Wire size | IEC              |                       | UL/CSA                  | NFC                | DIN                | Screw clamp    | Rigid        | 0,2-4 mm <sup>2</sup>       | 22-12 AWG       |         | Flexible           | 0,22-4 mm <sup>2</sup> | 22-12 AWG |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Wire size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                | IEC                         |                    |                                                                                                    | UL/CSA                |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NFC                                                                                                                                                                            | DIN                         |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Screw clamp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Rigid                                                                                                                                                                          | 0,2-4 mm <sup>2</sup>       | 22-12 AWG          |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Flexible                                                                                                                                                                       | 0,22-4 mm <sup>2</sup>      | 22-12 AWG          |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Wire size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IEC                                                                                                                                                                            |                             | UL/CSA             |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NFC                                                                                                                                                                            | DIN                         |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Screw clamp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Rigid                                                                                                                                                                          | 0,2-4 mm <sup>2</sup>       | 22-12 AWG          |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Flexible                                                                                                                                                                       | 0,22-4 mm <sup>2</sup>      | 22-12 AWG          |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <h3>Voltage</h3> <table border="1"> <tr> <td>Rated</td> <td>500 V</td> <td>300 V</td> </tr> <tr> <td>Impulse withstand</td> <td colspan="2">6 kV</td> </tr> <tr> <td>Pollution degree</td> <td colspan="2">3</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rated                                                                                                                                                                          | 500 V                       | 300 V              | Impulse withstand                                                                                  | 6 kV                  |                         | Pollution degree   | 3           |                       | <h3>Voltage</h3> <table border="1"> <tr> <td>Rated</td> <td>500 V</td> <td>300 V</td> </tr> <tr> <td>Impulse withstand</td> <td colspan="2">6 kV</td> </tr> <tr> <td>Pollution degree</td> <td colspan="2">3</td> </tr> </table> | Rated                       | 500 V              | 300 V                                                                                                                                                                                                                                                                                                                                                                                           | Impulse withstand | 6 kV                                                                                                                                                                                                                                                                                                                                                                              |           | Pollution degree | 3                     |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 500 V                                                                                                                                                                          | 300 V                       |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Impulse withstand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6 kV                                                                                                                                                                           |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Pollution degree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                                                                                                                                              |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 500 V                                                                                                                                                                          | 300 V                       |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Impulse withstand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6 kV                                                                                                                                                                           |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Pollution degree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                                                                                                                                              |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <h3>Current</h3> <table border="1"> <tr> <td>Rated</td> <td>32 A</td> <td>20 A</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rated                                                                                                                                                                          | 32 A                        | 20 A               | <h3>Current</h3> <table border="1"> <tr> <td>Rated</td> <td>32 A</td> <td>20 A</td> </tr> </table> | Rated                 | 32 A                    | 20 A               |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32 A                                                                                                                                                                           | 20 A                        |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32 A                                                                                                                                                                           | 20 A                        |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <h3>Wire size</h3> <table border="1"> <tr> <th>Rated/gauge</th> <td colspan="2">4 mm<sup>2</sup> / A4</td> <td>12 AWG</td> </tr> <tr> <th>Wire stripping length</th> <td>Recommended screwdriver</td> <td>Recommended torque</td> <td>Protection</td> </tr> <tr> <td>9,5 mm<br/>.37"</td> <td>4 mm<br/>.16"</td> <td>0,5-0,8 Nm<br/>4.4-7.1 lb.in</td> <td>IP 20<br/>NEMA 1</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rated/gauge                                                                                                                                                                    | 4 mm <sup>2</sup> / A4      |                    | 12 AWG                                                                                             | Wire stripping length | Recommended screwdriver | Recommended torque | Protection  | 9,5 mm<br>.37"        | 4 mm<br>.16"                                                                                                                                                                                                                     | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1    | <h3>Wire size</h3> <table border="1"> <tr> <th>Rated/gauge</th> <td colspan="2">4 mm<sup>2</sup> / A4</td> <td>12 AWG</td> </tr> <tr> <th>Wire stripping length</th> <td>Recommended screwdriver</td> <td>Recommended torque</td> <td>Protection</td> </tr> <tr> <td>9,5 mm<br/>.37"</td> <td>4 mm<br/>.16"</td> <td>0,5-0,8 Nm<br/>4.4-7.1 lb.in</td> <td>IP 20<br/>NEMA 1</td> </tr> </table> | Rated/gauge       | 4 mm <sup>2</sup> / A4                                                                                                                                                                                                                                                                                                                                                            |           | 12 AWG           | Wire stripping length | Recommended screwdriver | Recommended torque | Protection         | 9,5 mm<br>.37" | 4 mm<br>.16" | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated/gauge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4 mm <sup>2</sup> / A4                                                                                                                                                         |                             | 12 AWG             |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Wire stripping length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Recommended screwdriver                                                                                                                                                        | Recommended torque          | Protection         |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| 9,5 mm<br>.37"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4 mm<br>.16"                                                                                                                                                                   | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Rated/gauge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4 mm <sup>2</sup> / A4                                                                                                                                                         |                             | 12 AWG             |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| Wire stripping length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Recommended screwdriver                                                                                                                                                        | Recommended torque          | Protection         |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| 9,5 mm<br>.37"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4 mm<br>.16"                                                                                                                                                                   | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <h3>Type</h3> <p><b>No end section needed : closed block</b></p> <table border="1"> <tr> <td>SCD (3)</td> <td>V2</td> <td>1SNA 103 189 R2600</td> </tr> <tr> <td>AL2 (2) (3)</td> <td>DIA. 2,0 mm</td> <td>1SNA 167 319 R0600</td> </tr> <tr> <td>FC2 (1) (3)</td> <td>DIA. 2,0 mm</td> <td>1SNA 007 865 R2600</td> </tr> <tr> <td>BJM62 (3)</td> <td>2 poles</td> <td>1SNA 173 217 R2600</td> </tr> <tr> <td>BJM62 (3)</td> <td>3 poles</td> <td>1SNA 173 218 R0700</td> </tr> <tr> <td>BJM62 (3)</td> <td>4 poles</td> <td>1SNA 173 219 R0000</td> </tr> <tr> <td>BJM62 (3)</td> <td>5 poles</td> <td>1SNA 173 221 R2200</td> </tr> <tr> <td>BJM62 (3)</td> <td>6 poles</td> <td>1SNA 174 112 R1600</td> </tr> <tr> <td>BJM62 (3)</td> <td>7 poles</td> <td>1SNA 174 113 R1700</td> </tr> <tr> <td>BJM62 (3)</td> <td>8 poles</td> <td>1SNA 174 114 R1000</td> </tr> <tr> <td>BJM62 (3)</td> <td>9 poles</td> <td>1SNA 174 115 R1100</td> </tr> <tr> <td>BJM62 (3)</td> <td>10 poles</td> <td>1SNA 173 226 R2700</td> </tr> <tr> <td>PC61</td> <td>10 poles</td> <td>1SNA 163 311 R2200</td> </tr> <tr> <td>AD2,5</td> <td>V2</td> <td>1SNA 114 205 R2000</td> </tr> </table> | SCD (3)                                                                                                                                                                        | V2                          | 1SNA 103 189 R2600 | AL2 (2) (3)                                                                                        | DIA. 2,0 mm           | 1SNA 167 319 R0600      | FC2 (1) (3)        | DIA. 2,0 mm | 1SNA 007 865 R2600    | BJM62 (3)                                                                                                                                                                                                                        | 2 poles                     | 1SNA 173 217 R2600 | BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                       | 3 poles           | 1SNA 173 218 R0700                                                                                                                                                                                                                                                                                                                                                                | BJM62 (3) | 4 poles          | 1SNA 173 219 R0000    | BJM62 (3)               | 5 poles            | 1SNA 173 221 R2200 | BJM62 (3)      | 6 poles      | 1SNA 174 112 R1600          | BJM62 (3)       | 7 poles | 1SNA 174 113 R1700 | BJM62 (3)              | 8 poles   | 1SNA 174 114 R1000 | BJM62 (3) | 9 poles | 1SNA 174 115 R1100 | BJM62 (3) | 10 poles | 1SNA 173 226 R2700 | PC61 | 10 poles | 1SNA 163 311 R2200 | AD2,5 | V2 | 1SNA 114 205 R2000 | <h3>Type</h3> <p><b>No end section needed : closed block</b></p> <table border="1"> <tr> <td>PC61</td> <td>10 poles</td> <td>1SNA 163 311 R2200</td> </tr> <tr> <td>AD2,5</td> <td>V2</td> <td>1SNA 114 205 R2000</td> </tr> </table> | PC61 | 10 poles | 1SNA 163 311 R2200 | AD2,5 | V2 | 1SNA 114 205 R2000 |
| SCD (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | V2                                                                                                                                                                             | 1SNA 103 189 R2600          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| AL2 (2) (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DIA. 2,0 mm                                                                                                                                                                    | 1SNA 167 319 R0600          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| FC2 (1) (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DIA. 2,0 mm                                                                                                                                                                    | 1SNA 007 865 R2600          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 poles                                                                                                                                                                        | 1SNA 173 217 R2600          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 poles                                                                                                                                                                        | 1SNA 173 218 R0700          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4 poles                                                                                                                                                                        | 1SNA 173 219 R0000          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5 poles                                                                                                                                                                        | 1SNA 173 221 R2200          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 poles                                                                                                                                                                        | 1SNA 174 112 R1600          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7 poles                                                                                                                                                                        | 1SNA 174 113 R1700          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8 poles                                                                                                                                                                        | 1SNA 174 114 R1000          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9 poles                                                                                                                                                                        | 1SNA 174 115 R1100          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| BJM62 (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10 poles                                                                                                                                                                       | 1SNA 173 226 R2700          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| PC61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10 poles                                                                                                                                                                       | 1SNA 163 311 R2200          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| AD2,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V2                                                                                                                                                                             | 1SNA 114 205 R2000          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| PC61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10 poles                                                                                                                                                                       | 1SNA 163 311 R2200          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| AD2,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V2                                                                                                                                                                             | 1SNA 114 205 R2000          |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <p>RC65 blank (white, red, blue)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |
| <p>Note : (1) For block equipped with AL2. (2) A circuit separator <b>SCD</b> is required with the use of these accessories. (3) Only for upper deck.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |                             |                    |                                                                                                    |                       |                         |                    |             |                       |                                                                                                                                                                                                                                  |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                   |           |                  |                       |                         |                    |                    |                |              |                             |                 |         |                    |                        |           |                    |           |         |                    |           |          |                    |      |          |                    |       |    |                    |                                                                                                                                                                                                                                       |      |          |                    |       |    |                    |

**Triple-deck terminal blocks + ground protection**  
**Screw clamp**  
 DIN 3

**D 4/6.T3.P**

Spacing 6 mm (.238")



Standard 6 mm block + ground protection.

|  |  |
|--|--|
|  |  |
|--|--|

| Colour  | Type                                       | Part numbers       |
|---------|--------------------------------------------|--------------------|
| Grey V0 | <input type="checkbox"/> <b>D 4/6.T3.P</b> | 1SNA 299 684 R0200 |

3 "feed-through" circuits  
 1 clamp electrically connected to the mounting rail

**Characteristics**

|             | Wire size | IEC                    |     | UL/CSA    |
|-------------|-----------|------------------------|-----|-----------|
|             |           | NFC                    | DIN |           |
| Screw clamp | Rigid     | 0,2-4 mm <sup>2</sup>  |     | 22-12 AWG |
|             | Flexible  | 0,22-4 mm <sup>2</sup> |     | 22-12 AWG |

| Voltage           |       |       |  |
|-------------------|-------|-------|--|
| Rated             | 500 V | 300 V |  |
| Impulse withstand | 6 kV  |       |  |
| Pollution degree  | 3     |       |  |

| Current               |               |      |  |
|-----------------------|---------------|------|--|
| Rated / Short circuit | 32A - 480A/1s | 20 A |  |

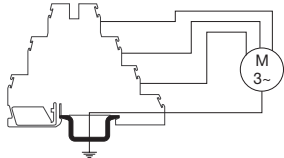
| Wire size             |                         |                             |                 |
|-----------------------|-------------------------|-----------------------------|-----------------|
| Rated/gauge           | 4 mm <sup>2</sup> / A4  | 12 AWG                      |                 |
| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
| 9,5 mm<br>.37"        | 4 mm<br>.16"            | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH V0</b> | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

Block for three phase motor supply



or for connection of 4 wire sensors.

**Accessories**

| Type | Part numbers |
|------|--------------|
|------|--------------|

| No end section needed : closed block |                                |
|--------------------------------------|--------------------------------|
| SCD (3) V2                           | 1SNA 103 189 R2600             |
| AL2 (2) (3)                          | DIA. 2,0 mm 1SNA 167 319 R0600 |
| FC2 (1) (3)                          | DIA. 2,0 mm 1SNA 007 865 R2600 |
| BJM62 (3)                            | 2 poles 1SNA 173 217 R2600     |
| BJM62 (3)                            | 3 poles 1SNA 173 218 R0700     |
| BJM62 (3)                            | 4 poles 1SNA 173 219 R0000     |
| BJM62 (3)                            | 5 poles 1SNA 173 221 R2200     |
| BJM62 (3)                            | 6 poles 1SNA 174 112 R1600     |
| BJM62 (3)                            | 7 poles 1SNA 174 113 R1700     |
| BJM62 (3)                            | 8 poles 1SNA 174 114 R1000     |
| BJM62 (3)                            | 9 poles 1SNA 174 115 R1100     |
| BJM62 (3)                            | 10 poles 1SNA 173 226 R2700    |
| PC61                                 | 10 poles 1SNA 163 311 R2200    |
| AD2,5 V2                             | 1SNA 114 205 R2000             |

- 1 End section
  - 2 Circuit separator white
  - 3 Test socket
  - 4 Test plug
  - 5 Assembled jumper bar 32A
  - 6 Comb type jumper bar
  - 7 IDC jumper 24A
- 
- R See section on markers marking method

RC65 blank (white, red, blue)  
 Note : (1) For block equipped with AL2. (2) A circuit separator **SCD** is required with the use of these accessories. (3) Only for upper deck.



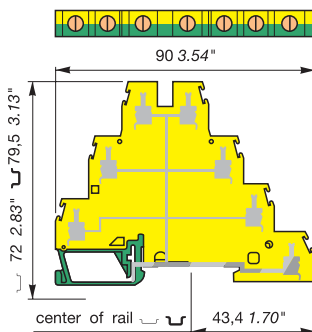
# Triple-deck terminal blocks + ground protection

Screw clamp



## D 4/6.P.T1

Spacing 6 mm (.238")



Ground terminal block to be used with D4/6.T...



| Colour | Type | Part numbers |
|--------|------|--------------|
|--------|------|--------------|

7 clamps electrically grounded to the mounting rail  
Green/yellow V0 **D 4/6.P.T1** 1SNA 199 220 R0000

### Characteristics

#### Wire size

|             |          | IEC                    |     | UL/CSA    |
|-------------|----------|------------------------|-----|-----------|
|             |          | NFC                    | DIN |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  |     | 22-12 AWG |
|             | Flexible | 0,22-4 mm <sup>2</sup> |     | 22-12 AWG |

#### Voltage

|                   |  |  |  |
|-------------------|--|--|--|
| Rated             |  |  |  |
| Impulse withstand |  |  |  |
| Pollution degree  |  |  |  |

#### Current

|                       |          |  |  |
|-----------------------|----------|--|--|
| Rated / Short circuit | 480 A/1s |  |  |
|-----------------------|----------|--|--|

#### Wire size

|             |                        |        |  |
|-------------|------------------------|--------|--|
| Rated/gauge | 4 mm <sup>2</sup> / A4 | 12 AWG |  |
|-------------|------------------------|--------|--|

| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
|-----------------------|-------------------------|-----------------------------|-----------------|
| 9,5 mm<br>.37"        | 4 mm<br>.16"            | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |

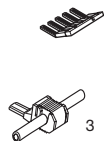
|          |               |                |    |                    |
|----------|---------------|----------------|----|--------------------|
| End stop | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | <b>BAMH V0</b> | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

In this block, all the circuits are connected to the mounting rail.

### Accessories



- 1 End section
- 2 Comb type jumper bar
- 3 IDC jumper 24A

| Type | Part numbers |
|------|--------------|
|------|--------------|

No end section needed : closed block  
PC61 10 poles 1SNA 163 311 R2200  
AD2,5 V2 1SNA 114 205 R2000



R See section on markers marking method

RC65 blank (white, red, blue)

# Three level sensor terminal blocks without ground connection

Screw clamp

DIN 3



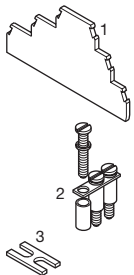
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

## Accessories

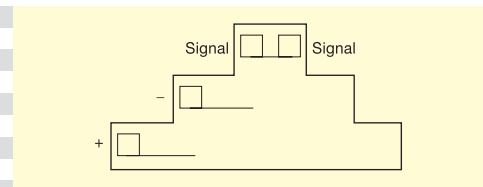


|                        |      |       |            |                    |
|------------------------|------|-------|------------|--------------------|
| 1 End section          | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                        | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                        | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                        | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                        | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                        | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate      | 22 A | EL61  |            | 1SNA 177 812 R1700 |



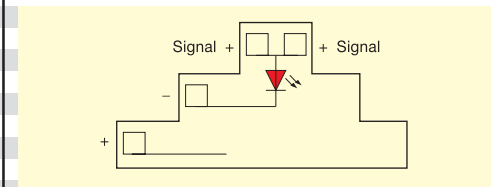
R See section on markers marking method

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |



|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |



Note : (1) 24 VDC on LED circuit.

### D 2,5/6.D

Spacing 6 mm +0,05 (.238")

81 3.19"

center of rail

Three level block for sensor

| Colour | Type | Part numbers                 |
|--------|------|------------------------------|
| Grey   |      | D 2,5/6.D 1SNA 115 542 R1200 |

### Characteristics

| Wire size | NFC DIN     |                          |                         | UL        | CSA       |
|-----------|-------------|--------------------------|-------------------------|-----------|-----------|
|           | Screw clamp | Rigid                    | 0,2-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |
|           | Flexible    | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG               | 22-14 AWG |           |

### Voltage

|                   |            |       |       |
|-------------------|------------|-------|-------|
| Rated             | 380 V Gr.C | 300 V | 300 V |
| Impulse withstand |            |       |       |
| Pollution degree  |            |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 22 A | 26 A | 20 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG             | 14 AWG          |
|--------------------|---------------------|--------------------|-----------------|
| Wire strip. length | Recomm. 3,5 mm      | Recomm. 0,4-0,6 Nm | Protection IP20 |
|                    | .138"               | 3.5-5.3 lb.in      | NEMA 1          |

### D 2,5/6.DL

Spacing 6 mm +0,05 (.238")

Three level block for sensor with LED indication between middle and upper level (red 24V=)

| Colour | Type | Part numbers                  |
|--------|------|-------------------------------|
| Grey   |      | D 2,5/6.DL 1SNA 115 537 R0500 |

### Characteristics

| Wire size | NFC DIN     |                          |                         | UL        | CSA       |
|-----------|-------------|--------------------------|-------------------------|-----------|-----------|
|           | Screw clamp | Rigid                    | 0,2-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |
|           | Flexible    | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG               | 22-14 AWG |           |

### Voltage

|                   |            |           |           |
|-------------------|------------|-----------|-----------|
| Rated             | 380 V Gr.C | 300 V (1) | 300 V (1) |
| Impulse withstand |            |           |           |
| Pollution degree  |            |           |           |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 22 A | 26 A | 20 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG             | 14 AWG          |
|--------------------|---------------------|--------------------|-----------------|
| Wire strip. length | Recomm. 3,5 mm      | Recomm. 0,4-0,6 Nm | Protection IP20 |
|                    | .138"               | 3.5-5.3 lb.in      | NEMA 1          |

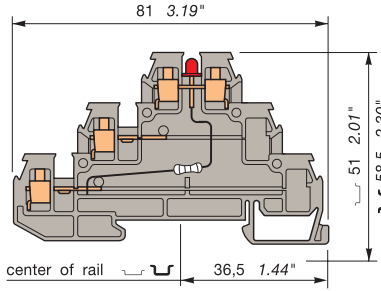
# Three level sensor terminal blocks without ground connection

## Screw clamp

DIN 3

### D 2,5/6.DL1

Spacing 6 mm + 0,05 (.238")



Three level block for sensor with LED indication between lower and upper level (red 24V=)

| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> D 2,5/6.DL1 | 1SNA 115 538 R1600 |

### Characteristics

#### Wire size

|             |          | NFC DIN                  | UL        | CSA       |
|-------------|----------|--------------------------|-----------|-----------|
| Screw clamp | Rigid    | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG | 22-14 AWG |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |

#### Voltage

|                   |            |           |           |
|-------------------|------------|-----------|-----------|
| Rated             | 380 V Gr.C | 300 V (1) | 300 V (1) |
| Impulse withstand |            |           |           |
| Pollution degree  |            |           |           |

#### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 22 A | 26 A | 20 A |
|-------|------|------|------|

#### Wire size

|                    |                     |                |            |
|--------------------|---------------------|----------------|------------|
| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG         | 14 AWG     |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque | Protection |
| 6 mm               | 3,5 mm              | 0,4-0,6 Nm     | IP20       |
| .24"               | 0.138"              | 3.5-5.3 lb.in  | NEMA 1     |

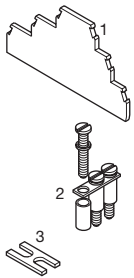
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

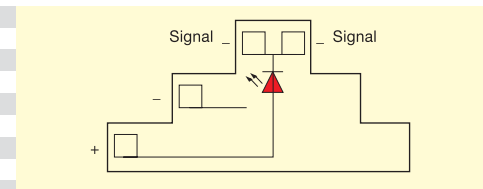
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|                        |      |       |            |                    |
|------------------------|------|-------|------------|--------------------|
| 1 End section          | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                        | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                        | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                        | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                        | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                        | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate      | 22 A | EL61  |            | 1SNA 177 812 R1700 |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |



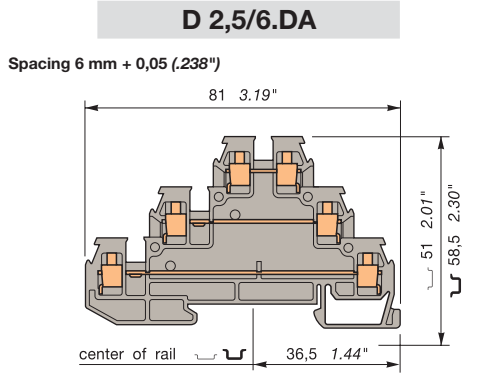
R See section on markers marking method

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

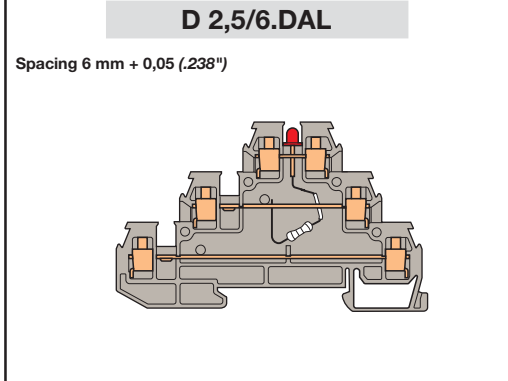
Note : (1) 24 V DC on LED circuit.

# Three level sensor terminal blocks without ground connection

Screw clamp  
 ⌋ DIN 3



Three level block for power



Three level sensor block with LED indicator between upper and middle level (red 24V=)

⚠ refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

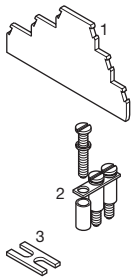
| Colour | Type                                  | Part numbers       |
|--------|---------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> D 2,5/6.DA   | 1SNA 115 541 R1100 |
| Blue   | <input type="checkbox"/> D 2,5/6.DA.N | 1SNA 125 541 R1300 |

| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> D 2,5/6.DAL | 1SNA 115 535 R0300 |

| Characteristics    |                     |                          |            |           |
|--------------------|---------------------|--------------------------|------------|-----------|
| Wire size          | Wire size           |                          |            |           |
|                    | NFC DIN             | UL                       | CSA        |           |
| Screw clamp        | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG  | 22-14 AWG |
|                    | Flexible            | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG  | 22-14 AWG |
| <b>Voltage</b>     |                     |                          |            |           |
| Rated              | 380 V Gr.C          | 300 V                    | 300 V      |           |
| Impulse withstand  |                     |                          |            |           |
| Pollution degree   |                     |                          |            |           |
| <b>Current</b>     |                     |                          |            |           |
| Rated              | 22 A                | 26 A                     | 20 A       |           |
| <b>Wire size</b>   |                     |                          |            |           |
| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG                   | 14 AWG     |           |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque           | Protection |           |
| 6 mm               | 3,5 mm              | 0,4-0,6 Nm               | IP20       |           |
| .24"               | .138"               | 3.5-5.3 lb.in            | NEMA 1     |           |

| Characteristics    |                     |                          |            |           |
|--------------------|---------------------|--------------------------|------------|-----------|
| Wire size          | Wire size           |                          |            |           |
|                    | NFC DIN             | UL                       | CSA        |           |
| Screw clamp        | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG  | 22-14 AWG |
|                    | Flexible            | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG  | 22-14 AWG |
| <b>Voltage</b>     |                     |                          |            |           |
| Rated              | 380 V Gr.C          | 300 V (1)                | 300 V (1)  |           |
| Impulse withstand  |                     |                          |            |           |
| Pollution degree   |                     |                          |            |           |
| <b>Current</b>     |                     |                          |            |           |
| Rated              | 22 A                | 26 A                     | 20 A       |           |
| <b>Wire size</b>   |                     |                          |            |           |
| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG                   | 14 AWG     |           |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque           | Protection |           |
| 6 mm               | 3,5 mm              | 0,4-0,6 Nm               | IP20       |           |
| .24"               | .138"               | 3.5-5.3 lb.in            | NEMA 1     |           |

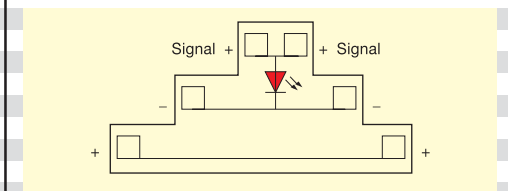
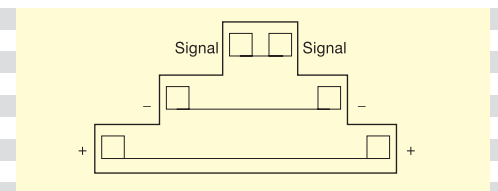
## Accessories



|                        |      |       |            |                    |
|------------------------|------|-------|------------|--------------------|
| 1 End section          | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                        | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                        | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                        | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                        | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                        | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate      | 22 A | EL61  |            | 1SNA 177 812 R1700 |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |



R See section on markers marking method

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

Note : (1) 24 V DC on LED circuit.

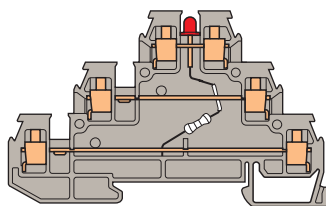
# Three level sensor terminal blocks without ground connection

Screw clamp

↳ DIN 3

## D 2,5/6.DAL1

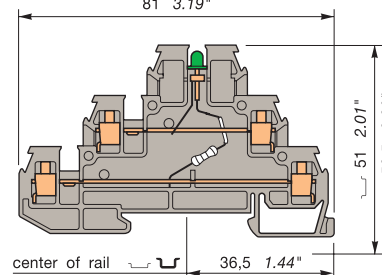
Spacing 6 mm +0,05 (.238")



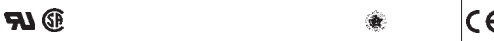
Three level block with LED indicator between upper and lower level (red 24V=)

## D 2,5/6.DAL2

Spacing 6 mm +0,05 (.238")



Three level block with LED indicator between lower levels (green 24V=)



| Colour | Type           | Part numbers       |
|--------|----------------|--------------------|
| Grey   | □ D 2,5/6.DAL1 | 1SNA 115 536 R0400 |

| Colour | Type           | Part numbers       |
|--------|----------------|--------------------|
| Grey   | □ D 2,5/6.DAL2 | 1SNA 115 547 R1700 |

### Characteristics

| Wire size   | NFC DIN  |                          |           | UL        | CSA |
|-------------|----------|--------------------------|-----------|-----------|-----|
|             | Rigid    | Flexible                 |           |           |     |
| Screw clamp | Rigid    | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG | 22-14 AWG |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |     |

### Characteristics

| Wire size   | NFC DIN  |                          |           | UL        | CSA |
|-------------|----------|--------------------------|-----------|-----------|-----|
|             | Rigid    | Flexible                 |           |           |     |
| Screw clamp | Rigid    | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG | 22-14 AWG |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |     |

### Voltage

|                   |            |           |           |
|-------------------|------------|-----------|-----------|
| Rated             | 380 V Gr.C | 300 V (1) | 300 V (1) |
| Impulse withstand |            |           |           |
| Pollution degree  |            |           |           |

### Voltage

|                   |            |           |           |
|-------------------|------------|-----------|-----------|
| Rated             | 380 V Gr.C | 300 V (1) | 300 V (1) |
| Impulse withstand |            |           |           |
| Pollution degree  |            |           |           |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 22 A | 26 A | 20 A |
|-------|------|------|------|

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 22 A | 26 A | 20 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG        | 14 AWG |
|--------------------|---------------------|---------------|--------|
| Wire strip. length | 3,5 mm              | 0,4-0,6 Nm    | IP20   |
|                    | .138"               | 3.5-5.3 lb.in | NEMA 1 |

### Wire size

| Rated / Gauge      | 2,5 mm <sup>2</sup> | 12 AWG        | 14 AWG |
|--------------------|---------------------|---------------|--------|
| Wire strip. length | 3,5 mm              | 0,4-0,6 Nm    | IP20   |
|                    | .138"               | 3.5-5.3 lb.in | NEMA 1 |

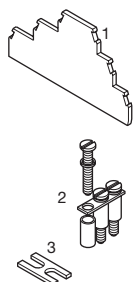
|          |   |               |         |    |                    |
|----------|---|---------------|---------|----|--------------------|
| End stop | ↳ | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | ↳ | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | ↳ | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | ↳ | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | ↳ | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | ↳ | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

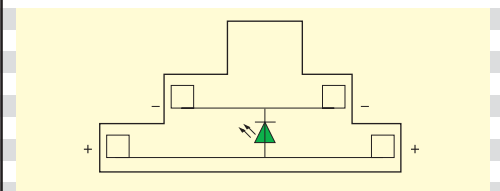
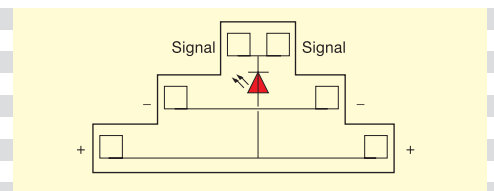
### Accessories



|                        |      |       |            |                    |
|------------------------|------|-------|------------|--------------------|
| 1 End section          | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                        | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                        | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                        | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                        | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                        | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate      | 22 A | EL61  |            | 1SNA 177 812 R1700 |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |

| Type  | Part numbers                  |
|-------|-------------------------------|
| FED3E | th. 3,0 mm 1SNA 116 771 R2000 |
| BJD6  | 2 poles 1SNA 178 024 R2500    |
| BJD6  | 3 poles 1SNA 178 025 R2600    |
| BJD6  | 4 poles 1SNA 178 026 R2700    |
| BJD6  | 5 poles 1SNA 178 027 R2000    |
| BJD6  | 10 poles 1SNA 178 032 R2500   |
| BJD6  | 20 poles 1SNA 178 033 R2600   |
| EL61  | 1SNA 177 812 R1700            |



R See section on markers marking method

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

Note : (1) 24 V DC on LED circuit.

# Three level sensor terminal blocks with ground connection

Screw clamp  
 DIN 3

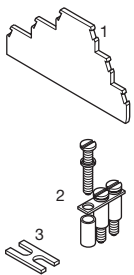
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

## Accessories



|                                                  |      |       |            |                    |
|--------------------------------------------------|------|-------|------------|--------------------|
| 1 End section                                    | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar (without IP20 protection) | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                                                  | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                                                  | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                                                  | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                                                  | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                                                  | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate                                | 22 A | EL61  |            | 1SNA 177 812 R1700 |



R See section on markers marking method

### D 2,5/6.DP1

Spacing 6 mm +0,05 (.238")

Three level block for sensor with ground on lower level.  
 \* Green/yellow marking on lower deck

### D 2,5/6.DPL1

Spacing 6 mm +0,05 (.238")

Three level block for input with ground and LED indicator between upper and middle level (red 24V-). \* Green/yellow marking on lower deck

| Colour | Type        | Part numbers       |
|--------|-------------|--------------------|
| Grey   | D 2,5/6.DP1 | 1SNA 115 645 R2100 |

| Colour | Type         | Part numbers       |
|--------|--------------|--------------------|
| Grey   | D 2,5/6.DPL1 | 1SNA 115 644 R2000 |

### Characteristics

|                    |                     | NFC                      | DIN        | UL        | CSA  |
|--------------------|---------------------|--------------------------|------------|-----------|------|
| Screw clamp        | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG  | 22-14 AWG |      |
|                    | Flexible            | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG  | 22-14 AWG |      |
| <b>Voltage</b>     |                     |                          |            |           |      |
| Rated              |                     | 380 V Gr.C               | 300 V      | 300 V     |      |
| Impulse withstand  |                     |                          |            |           |      |
| <b>Current</b>     |                     |                          |            |           |      |
| Rated              | Short circuit       | 22 A                     | 300A/1s    | 26 A      | 20 A |
| <b>Wire size</b>   |                     |                          |            |           |      |
| Rated / Gauge      |                     | 2,5 mm <sup>2</sup>      | 12 AWG     | 14 AWG    |      |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque           | Protection |           |      |
| 6 mm               | 3,5 mm              | 0,4-0,6 Nm               | IP20       |           |      |
| .24"               | .138"               | 3.5-5.3 lb.in            | NEMA 1     |           |      |

### Characteristics

|                    |                     | NFC                      | DIN        | UL        | CSA  |
|--------------------|---------------------|--------------------------|------------|-----------|------|
| Screw clamp        | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG  | 22-14 AWG |      |
|                    | Flexible            | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG  | 22-14 AWG |      |
| <b>Voltage</b>     |                     |                          |            |           |      |
| Rated              |                     | 380 V Gr.C               | 300 V (1)  | 300 V (1) |      |
| Impulse withstand  |                     |                          |            |           |      |
| <b>Current</b>     |                     |                          |            |           |      |
| Rated              | Short circuit       | 22 A                     | 300A/1s    | 26 A      | 20 A |
| <b>Wire size</b>   |                     |                          |            |           |      |
| Rated / Gauge      |                     | 2,5 mm <sup>2</sup>      | 12 AWG     | 14 AWG    |      |
| Wire strip. length | Recomm. Screwdriver | Recomm. torque           | Protection |           |      |
| 6 mm               | 3,5 mm              | 0,4-0,6 Nm               | IP20       |           |      |
| .24"               | .138"               | 3.5-5.3 lb.in            | NEMA 1     |           |      |

| Type              | Part numbers       |
|-------------------|--------------------|
| RC65 red - blank  | 1SNA 103 776 R0100 |
| RC65 blue - blank | 1SNA 103 775 R0000 |

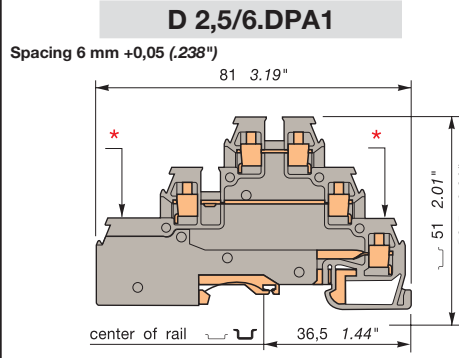
| Type              | Part numbers       |
|-------------------|--------------------|
| RC65 red - blank  | 1SNA 103 776 R0100 |
| RC65 blue - blank | 1SNA 103 775 R0000 |

Note : (1) 24 V DC on LED circuit.

# Three level sensor terminal blocks with ground connection

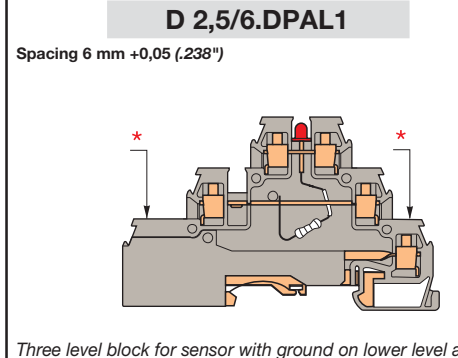
Screw clamp

↳ DIN 3



Three level block for power with ground on lower level.

\* Green/yellow marking on lower deck



Three level block for sensor with ground on lower level and LED indicator between upper and middle level (red 24V=)

\* Green/yellow marking on lower deck

| Colour | Type                                  | Part numbers       |  |  |
|--------|---------------------------------------|--------------------|--|--|
| Grey   | <input type="checkbox"/> D 2,5/6.DPA1 | 1SNA 115 643 R2700 |  |  |

| Colour | Type                                   | Part numbers       |  |  |
|--------|----------------------------------------|--------------------|--|--|
| Grey   | <input type="checkbox"/> D 2,5/6.DPAL1 | 1SNA 115 642 R2600 |  |  |

### Characteristics

|             |          | NFC                      | DIN       | UL        | CSA |
|-------------|----------|--------------------------|-----------|-----------|-----|
| Screw clamp | Rigid    | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG | 22-14 AWG |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |     |

### Voltage

|       |            |       |       |
|-------|------------|-------|-------|
| Rated | 380 V Gr.C | 300 V | 300 V |
|-------|------------|-------|-------|

Impulse withstand

Pollution degree

### Current

|       |               |      |         |      |      |
|-------|---------------|------|---------|------|------|
| Rated | Short circuit | 22 A | 300A/1s | 26 A | 20 A |
|-------|---------------|------|---------|------|------|

### Wire size

| Rated / Gauge       | 2,5 mm <sup>2</sup> | 12 AWG        | 14 AWG     |
|---------------------|---------------------|---------------|------------|
| Wire strip. length  | 6 mm                | 3,5 mm        | 0,4-0,6 Nm |
| Recomm. Screwdriver | .138"               | 3,5-5,3 lb.in | NEMA 1     |

### Characteristics

#### Wire size

|             |          | NFC                      | DIN       | UL        | CSA |
|-------------|----------|--------------------------|-----------|-----------|-----|
| Screw clamp | Rigid    | 0,2-2,5 mm <sup>2</sup>  | 20-12 AWG | 22-14 AWG |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> | 20-12 AWG | 22-14 AWG |     |

### Voltage

|       |            |           |           |
|-------|------------|-----------|-----------|
| Rated | 380 V Gr.C | 300 V (1) | 300 V (1) |
|-------|------------|-----------|-----------|

Impulse withstand

Pollution degree

### Current

|       |               |      |         |      |      |
|-------|---------------|------|---------|------|------|
| Rated | Short circuit | 22 A | 300A/1s | 26 A | 20 A |
|-------|---------------|------|---------|------|------|

### Wire size

| Rated / Gauge       | 2,5 mm <sup>2</sup> | 12 AWG        | 14 AWG     |
|---------------------|---------------------|---------------|------------|
| Wire strip. length  | 6 mm                | 3,5 mm        | 0,4-0,6 Nm |
| Recomm. Screwdriver | .138"               | 3,5-5,3 lb.in | NEMA 1     |

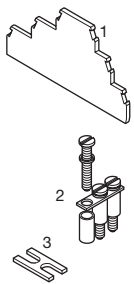
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

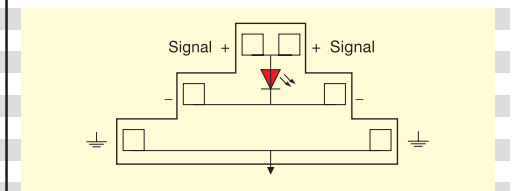
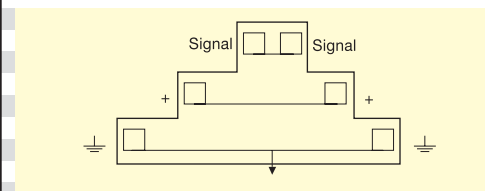
### Accessories



|                                                  |      |       |            |                    |
|--------------------------------------------------|------|-------|------------|--------------------|
| 1 End section                                    | grey | FED3E | th. 3,0 mm | 1SNA 116 771 R2000 |
| 2 Assembled jumper bar (without IP20 protection) | 22 A | BJD6  | 2 poles    | 1SNA 178 024 R2500 |
|                                                  | 22 A | BJD6  | 3 poles    | 1SNA 178 025 R2600 |
|                                                  | 22 A | BJD6  | 4 poles    | 1SNA 178 026 R2700 |
|                                                  | 22 A | BJD6  | 5 poles    | 1SNA 178 027 R2000 |
|                                                  | 22 A | BJD6  | 10 poles   | 1SNA 178 032 R2500 |
|                                                  | 22 A | BJD6  | 20 poles   | 1SNA 178 033 R2600 |
| 3 Connector plate                                | 22 A | EL61  |            | 1SNA 177 812 R1700 |

| Type  | Part numbers |                    |  |
|-------|--------------|--------------------|--|
| FED3E | th. 3,0 mm   | 1SNA 116 771 R2000 |  |
| BJD6  | 2 poles      | 1SNA 178 024 R2500 |  |
| BJD6  | 3 poles      | 1SNA 178 025 R2600 |  |
| BJD6  | 4 poles      | 1SNA 178 026 R2700 |  |
| BJD6  | 5 poles      | 1SNA 178 027 R2000 |  |
| BJD6  | 10 poles     | 1SNA 178 032 R2500 |  |
| BJD6  | 20 poles     | 1SNA 178 033 R2600 |  |
| EL61  |              | 1SNA 177 812 R1700 |  |

| Type  | Part numbers |                    |  |
|-------|--------------|--------------------|--|
| FED3E | th. 3,0 mm   | 1SNA 116 771 R2000 |  |
| BJD6  | 2 poles      | 1SNA 178 024 R2500 |  |
| BJD6  | 3 poles      | 1SNA 178 025 R2600 |  |
| BJD6  | 4 poles      | 1SNA 178 026 R2700 |  |
| BJD6  | 5 poles      | 1SNA 178 027 R2000 |  |
| BJD6  | 10 poles     | 1SNA 178 032 R2500 |  |
| BJD6  | 20 poles     | 1SNA 178 033 R2600 |  |
| EL61  |              | 1SNA 177 812 R1700 |  |



R See section on markers marking method

|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

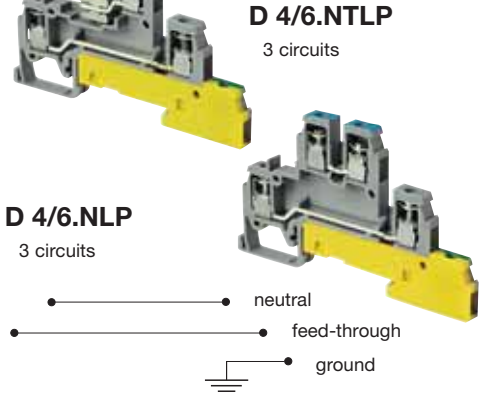
|      |              |                    |
|------|--------------|--------------------|
| RC65 | red - blank  | 1SNA 103 776 R0100 |
| RC65 | blue - blank | 1SNA 103 775 R0000 |

Note : (1) 24 V DC on LED circuit.

# Terminal blocks for distribution boxes double-deck + protection

## Screw clamp

DIN 3



|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH VO | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

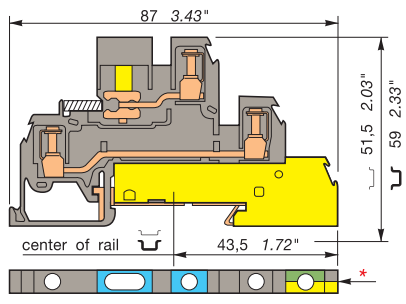
According to DIN 43880 standards (dimension above the rail  $35 \times 7,5 \leq 44 \text{ mm}$ ).  
 The Screw clamp terminal blocks, wire size from 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with these standards.  
 The use of some accessories may decrease the block's voltage rating. For more information, consult us.  
 \* Blue marking on "neutral" circuit.  
 Yellow/green marking on "ground" circuit.

### Accessories

|   |                                       |       |
|---|---------------------------------------|-------|
| 1 | End section                           | grey  |
| 2 | Separator end section                 |       |
| 3 | Circuit separator                     | white |
| 4 | Test socket                           |       |
| 5 | Test plug                             |       |
| 6 | Assembled jumper bar                  | 32 A  |
|   | (without IP20 protection)             | 32 A  |
|   |                                       | 32 A  |
|   |                                       | 32 A  |
|   |                                       | 32 A  |
|   |                                       | 32 A  |
|   |                                       | 32 A  |
|   |                                       | 32 A  |
| 7 | IDC jumper                            | 24 A  |
| 8 | Busbar                                |       |
| 9 | Clamp for busbar                      |       |
| R | See section on markers marking method |       |

## D 4/6.NTLP

Spacing 6 mm +0,05 (.238")



| Colour                                                  | Type | Part number       |                    |
|---------------------------------------------------------|------|-------------------|--------------------|
| 1 circuit : "disconnect neutral" with busbar connection |      |                   |                    |
| 1 circuit : "feed-through"                              |      |                   |                    |
| 1 circuit : "ground" connected to the rail              |      |                   |                    |
| Grey                                                    |      | <b>D 4/6.NTLP</b> | 1SNA 110 439 R2200 |

| Characteristics |           |                       |           |
|-----------------|-----------|-----------------------|-----------|
| Wire size       | IEC       |                       | UL/CSA    |
|                 | NFC       | DIN                   |           |
| Screw clamp     | Rigid     | 0,2-4 mm <sup>2</sup> | 18-12 AWG |
|                 | Flexible  |                       | 18-12 AWG |
|                 |           | 0,2-4 mm <sup>2</sup> |           |
| Ground bar      | 10 x 3 mm |                       |           |

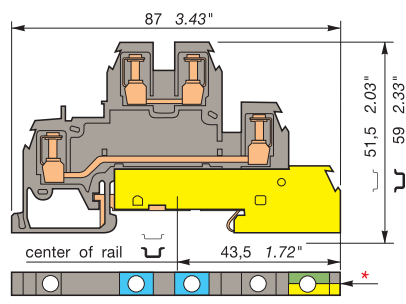
| Voltage           |                   |  |       |
|-------------------|-------------------|--|-------|
| Rated             | 320 V(1)/400 V(2) |  | 300 V |
| Impulse withstand | 4 kV(1)/6 kV(2)   |  |       |
| Pollution degree  | 3                 |  |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               | 20 A |           |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

## D 4/6.NLP

Spacing 6 mm +0,05 (.238")



| Colour                                     | Type | Part number      |                    |
|--------------------------------------------|------|------------------|--------------------|
| 1 circuit : "neutral"                      |      |                  |                    |
| 1 circuit : "feed-through"                 |      |                  |                    |
| 1 circuit : "ground" connected to the rail |      |                  |                    |
| Grey                                       |      | <b>D 4/6.NLP</b> | 1SNA 110 440 R0700 |

| Characteristics |           |                       |           |
|-----------------|-----------|-----------------------|-----------|
| Wire size       | IEC       |                       | UL/CSA    |
|                 | NFC       | DIN                   |           |
| Screw clamp     | Rigid     | 0,2-4 mm <sup>2</sup> | 18-12 AWG |
|                 | Flexible  |                       | 18-12 AWG |
|                 |           | 0,2-4 mm <sup>2</sup> |           |
| Ground bar      | 10 x 3 mm |                       |           |

| Voltage           |       |  |       |
|-------------------|-------|--|-------|
| Rated             | 400 V |  | 300 V |
| Impulse withstand | 6 kV  |  |       |
| Pollution degree  | 3     |  |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               | 20 A |           |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

| Type      | Part numbers              |                    |  | Type      | Part numbers |                    |  |
|-----------|---------------------------|--------------------|--|-----------|--------------|--------------------|--|
| FED6      | th. 1 mm                  | 1SNA 116 964 R1200 |  | FED6      | th. 1 mm     | 1SNA 116 964 R1200 |  |
| SCFD      | th. 1,5 mm                | 1SNA 114 117 R0700 |  | SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |                           | 1SNA 103 189 R2600 |  | SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm                 | 1SNA 167 319 R0600 |  | AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm                 | 1SNA 007 865 R2600 |  | FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles                   | 1SNA 173 217 R2600 |  | BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles                   | 1SNA 173 218 R0700 |  | BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles                   | 1SNA 173 219 R0000 |  | BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles                   | 1SNA 173 221 R2200 |  | BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles                   | 1SNA 174 112 R1600 |  | BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles                   | 1SNA 174 113 R1700 |  | BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles                   | 1SNA 174 114 R1000 |  | BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles                   | 1SNA 174 115 R1100 |  | BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles                  | 1SNA 173 226 R2700 |  | BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     | V2                        | 1SNA 114 205 R2000 |  | AD2,5     | V2           | 1SNA 114 205 R2000 |  |
| BO3       | 10 x 3 mm                 | 1SNA 164 406 R2400 |  |           |              |                    |  |
| SFB1      | 0,5 to 35 mm <sup>2</sup> | 1SNA 163 860 R0500 |  |           |              |                    |  |
| SFB2      | 16 to 35 mm <sup>2</sup>  | 1SNA 168 956 R0600 |  |           |              |                    |  |

### For disconnect device :

| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 4 mm                | 0,4-0,6 Nm     |
| .16"                | 3.5-5.3 lb.in  |

RC65

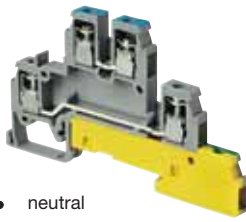
Note : (1) Between "feed-through" and "neutral" circuits. (2) Between 2 "feed-through" circuits (side by side). (3) For block equipped with AL2. (4) A circuit separator SC may be required with the use of these accessories.



# Terminal blocks for distribution boxes double-deck + protection

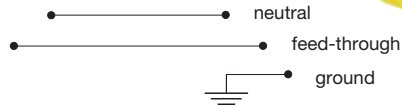
## Screw clamp

DIN 3



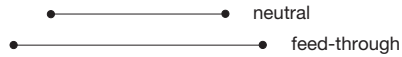
### D 4/6.LLP

3 circuits



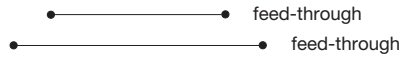
### D 4/6.NL

2 circuits



### D 4/6.LL

2 circuits



|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

## Notes

According to DIN 43880 standards (dimension above the rail 35 x 7,5 ≤ 44 mm).

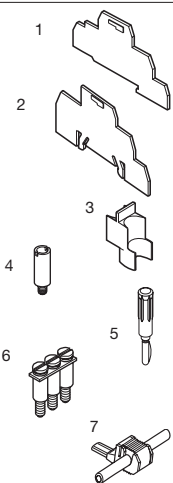
The Screw clamp terminal blocks, wire size from 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with these standards.

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

\* Blue marking on "neutral" circuit.

Yellow/green marking on "ground" circuit.

## Accessories

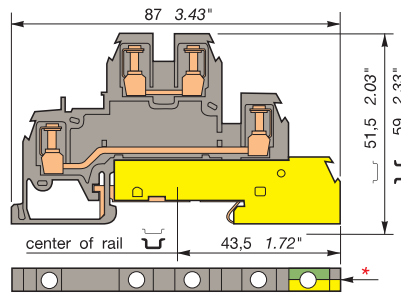


|   |                       |                                |
|---|-----------------------|--------------------------------|
| 1 | End section           | grey                           |
| 2 | Separator end section |                                |
| 3 | Circuit separator     | white                          |
| 4 | Alvéole de contrôle   |                                |
| 5 | Test plug             |                                |
| 6 | Assembled jumper bar  | 32 A                           |
|   |                       | 32 A                           |
|   |                       | (without IP20 protection) 32 A |
|   |                       | 32 A                           |
|   |                       | 32 A                           |
|   |                       | 32 A                           |
|   |                       | 32 A                           |
|   |                       | 32 A                           |
|   |                       | 32 A                           |
| 7 | IDC jumper            | 24 A                           |

R See section on markers marking method

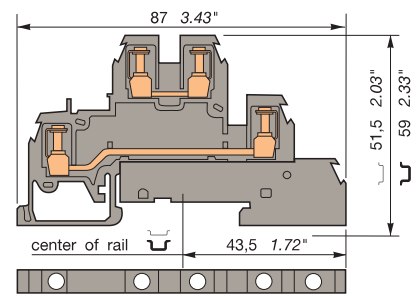
## D 4/6.LLP

Spacing 6 mm +0,05 (.238")



## D 4/6...L

Spacing 6 mm +0,05 (.238")



|        |      |             |
|--------|------|-------------|
| Colour | Type | Part number |
|--------|------|-------------|

|                                            |                                    |                    |
|--------------------------------------------|------------------------------------|--------------------|
| 2 circuits : "feed-through"                |                                    |                    |
| 1 circuit : "ground" connected to the rail |                                    |                    |
| Grey                                       | <input type="checkbox"/> D 4/6.LLP | 1SNA 110 441 R2400 |

## Characteristics

| Wire size         | IEC                   |     | UL/CSA    |
|-------------------|-----------------------|-----|-----------|
|                   | NFC                   | DIN |           |
| Screw clamp Rigid | 0,2-4 mm <sup>2</sup> |     | 18-12 AWG |
| Flexible          | 0,2-4 mm <sup>2</sup> |     | 18-12 AWG |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               | 20 A |           |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

|        |      |             |
|--------|------|-------------|
| Colour | Type | Part number |
|--------|------|-------------|

|                                                    |                                   |                    |
|----------------------------------------------------|-----------------------------------|--------------------|
| 1 circuit : "neutral" + 1 circuit : "feed-through" |                                   |                    |
| Grey                                               | <input type="checkbox"/> D 4/6.NL | 1SNA 110 447 R2200 |
| 2 circuits : "feed-through"                        |                                   |                    |
| Grey                                               | <input type="checkbox"/> D 4/6.LL | 1SNA 110 442 R2500 |
| Only 1 circuit : "feed-through"                    |                                   |                    |
| Grey - Upper deck                                  | <input type="checkbox"/> D 4/6.L  | 1SNA 110 449 R0400 |
| Grey - Lower deck                                  | <input type="checkbox"/> D 4/6.L  | 1SNA 110 443 R2600 |

## Characteristics

| Wire size         | IEC                   |     | UL/CSA    |
|-------------------|-----------------------|-----|-----------|
|                   | NFC                   | DIN |           |
| Screw clamp Rigid | 0,2-4 mm <sup>2</sup> |     | 18-12 AWG |
| Flexible          | 0,2-4 mm <sup>2</sup> |     | 18-12 AWG |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |      |      |
|---------|------|------|
| Rated   | 30 A | 20 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

## Accessories

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FED6      | th. 1 mm     | 1SNA 116 964 R1200 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FED6      | th. 1 mm     | 1SNA 116 964 R1200 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

RC65

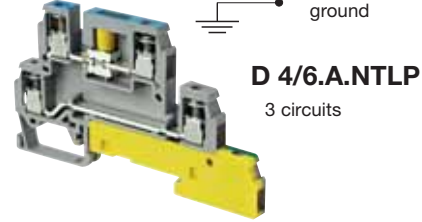
RC65

Note : (1) For block equipped with AL2.  
(2) A circuit separator SC may be required with the use of these accessories.

# Terminal blocks for distribution boxes double-deck + protection

## Screw clamp

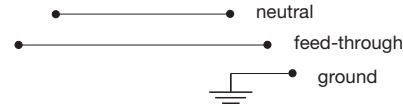
DIN 3



**D 4/6.A.NTLP**  
3 circuits

## D 4/6.A.NLP

3 circuits



|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3,Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

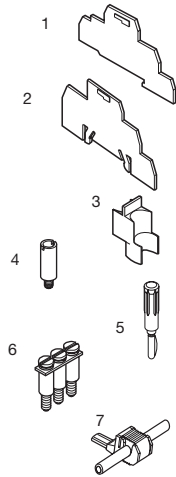
Other end stops, rails and accessories : see section on accessories.

## Notes

Mainly suitable for medical equipment purposes. According to DIN 43880 standards (dimension above the rail 35 x 7,5 ≤ 44 mm). The Screw clamp terminal blocks, wire size from 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with these standards. The use of some accessories may decrease the block's voltage rating. For more information, consult us.

\* Blue marking on "neutral" circuit.  
Yellow/green marking on "ground" circuit.

## Accessories



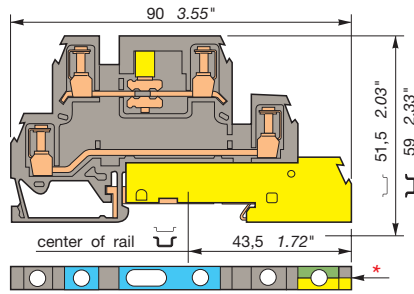
|   |                                      |       |
|---|--------------------------------------|-------|
| 1 | End section                          | grey  |
| 2 | Separator end section                |       |
| 3 | Circuit separator                    | white |
| 4 | Test socket                          |       |
| 5 | Test plug                            |       |
| 6 | Assembled jumper bar                 | 32 A  |
|   | jumper bar (without IP20 protection) | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
|   |                                      | 32 A  |
| 7 | IDC jumper                           | 24 A  |



**R** See section on markers marking method

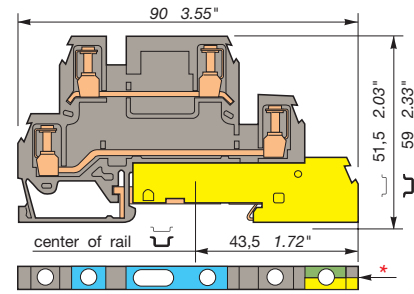
## D 4/6.A.NTLP

Spacing 6 mm +0,05 (.238")



## D 4/6.A.NLP

Spacing 6 mm +0,05 (.238")



| Colour                                     | Type                                         | Part number        |
|--------------------------------------------|----------------------------------------------|--------------------|
| 1 circuit : "disconnect neutral"           |                                              |                    |
| 1 circuit : "feed-through"                 |                                              |                    |
| 1 circuit : "ground" connected to the rail |                                              |                    |
| Grey                                       | <input type="checkbox"/> <b>D 4/6.A.NTLP</b> | 1SNA 110 415 R1200 |

| Characteristics |          |                       |
|-----------------|----------|-----------------------|
| Wire size       | IEC      | UL/CSA                |
|                 | NFC DIN  |                       |
| Screw clamp     | Rigid    | 0,2-4 mm <sup>2</sup> |
|                 | Flexible | 0,2-4 mm <sup>2</sup> |
|                 |          | 18-12 AWG             |

| Voltage           |                   |       |
|-------------------|-------------------|-------|
| Rated             | 320 V(1)/400 V(2) | 300 V |
| Impulse withstand | 4 kV(1)/6 kV(2)   |       |
| Pollution degree  | 3                 |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               |      | 20 A      |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |



| Colour                                     | Type                                        | Part number        |
|--------------------------------------------|---------------------------------------------|--------------------|
| 1 circuit : "neutral"                      |                                             |                    |
| 1 circuit : "feed-through"                 |                                             |                    |
| 1 circuit : "ground" connected to the rail |                                             |                    |
| Grey                                       | <input type="checkbox"/> <b>D 4/6.A.NLP</b> | 1SNA 110 417 R1400 |

| Characteristics |          |                       |
|-----------------|----------|-----------------------|
| Wire size       | IEC      | UL/CSA                |
|                 | NFC DIN  |                       |
| Screw clamp     | Rigid    | 0,2-4 mm <sup>2</sup> |
|                 | Flexible | 0,2-4 mm <sup>2</sup> |
|                 |          | 18-12 AWG             |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               |      | 20 A      |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FED6      | th. 1 mm     | 1SNA 116 964 R1200 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FED6      | th. 1 mm     | 1SNA 116 964 R1200 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

### For disconnect device :

| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 4 mm                | 0,4-0,6 Nm     |
| .16"                | 3.5-5.3 lb.in  |

RC65

RC65

Note : (1) Between "neutral" and "feed-through" circuits. (2) Between 2 "feed-through" circuits (side by side). (3) For block equipped with AL2. (4) A circuit separator SC may be required with the use of these accessories.

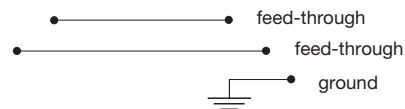
# Terminal blocks for distribution boxes double-deck + protection

## Screw clamp

DIN 3

### D 4/6.A.LLP

3 circuits



### D 4/6.A.LL

2 circuits



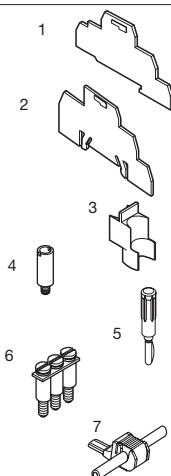
|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

## Notes

Mainly suitable for medical equipment purposes. According to DIN 43880 standards (dimension above the rail 35 x 7,5 ≤ 44 mm). The Screw clamp terminal blocks, wire size from 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with these standards. The use of some accessories may decrease the block's voltage rating. For more information, consult us. \* Yellow/green marking on "ground" circuit.

## Accessories



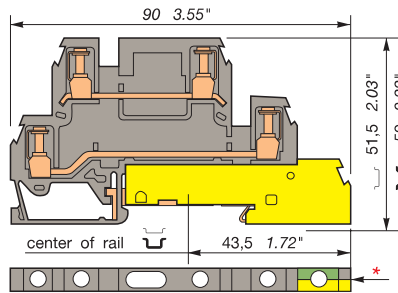
|   |                           |       |
|---|---------------------------|-------|
| 1 | End section               | grey  |
| 2 | Separator end section     |       |
| 3 | Circuit separator         | white |
| 4 | Test socket               |       |
| 5 | Test plug                 |       |
| 6 | Assembled jumper bar      | 32 A  |
|   | jumper bar                | 32 A  |
|   | (without IP20 protection) | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
| 7 | IDC jumper                | 24 A  |



R See section on markers marking method

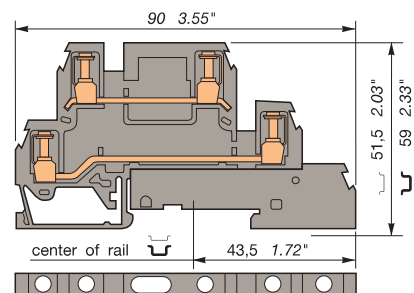
### D 4/6.A.LLP

Spacing 6 mm +0,05 (.238")



### D 4/6.A.LL

Spacing 6 mm +0,05 (.238")



| Colour | Type                                 | Part number        |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> D 4/6.A.LLP | 1SNA 110 418 R2500 |

2 circuits : "feed-through"  
1 circuit : "ground" connected to the rail

| Colour | Type                                | Part number        |
|--------|-------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> D 4/6.A.LL | 1SNA 110 419 R2600 |

2 circuits : "feed-through"

## Characteristics

| Wire size   | IEC      |                       | UL/CSA    |
|-------------|----------|-----------------------|-----------|
|             | NFC      | DIN                   |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG |

## Characteristics

| Wire size   | IEC      |                       | UL/CSA    |
|-------------|----------|-----------------------|-----------|
|             | NFC      | DIN                   |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |               |      |           |
|---------|---------------|------|-----------|
| Rated   | Short circuit | 30 A | 480 A/1s. |
|         |               |      | 20 A      |

| Current |  |      |
|---------|--|------|
| Rated   |  | 30 A |
|         |  | 20 A |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP 20      |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FEDA6     | th. 1 mm     | 1SNA 116 965 R1300 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

| Type      | Part numbers |                    |  |
|-----------|--------------|--------------------|--|
| FEDA6     | th. 1 mm     | 1SNA 116 965 R1300 |  |
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |  |
| SCD       |              | 1SNA 103 189 R2600 |  |
| AL2 (4)   | DIA. 2 mm    | 1SNA 167 319 R0600 |  |
| FC2 (3)   | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| BJM62 (4) | 2 poles      | 1SNA 173 217 R2600 |  |
| BJM62 (4) | 3 poles      | 1SNA 173 218 R0700 |  |
| BJM62 (4) | 4 poles      | 1SNA 173 219 R0000 |  |
| BJM62 (4) | 5 poles      | 1SNA 173 221 R2200 |  |
| BJM62 (4) | 6 poles      | 1SNA 174 112 R1600 |  |
| BJM62 (4) | 7 poles      | 1SNA 174 113 R1700 |  |
| BJM62 (4) | 8 poles      | 1SNA 174 114 R1000 |  |
| BJM62 (4) | 9 poles      | 1SNA 174 115 R1100 |  |
| BJM62 (4) | 10 poles     | 1SNA 173 226 R2700 |  |
| AD2,5     |              | 1SNA 114 205 R2000 |  |

RC65

RC65

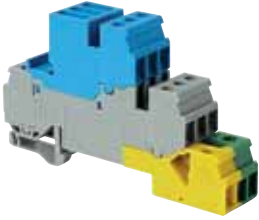
Note : (1) For block equipped with AL2.  
(2) A circuit separator SC may be required with the use of these accessories.



# Terminal blocks for distribution boxes double-deck + protection

## Screw clamp

DIN 3



|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

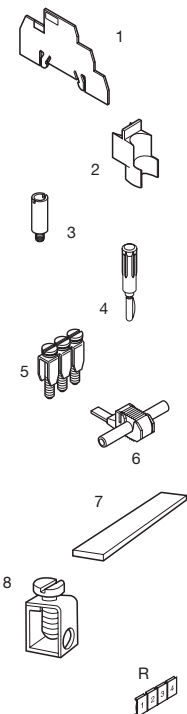
### Notes

Complies with DIN 43880 standard (height above the mounting rail  $35 \times 7,5 \leq 44 \text{ mm } 1.73''$ ).

The Screw clamp terminal blocks, wire size 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with this standard.

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

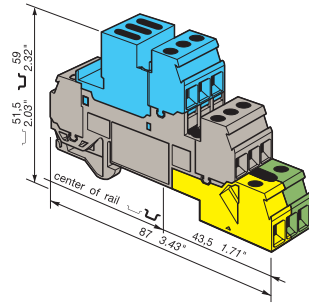


|   |                           |       |
|---|---------------------------|-------|
| 1 | Separator end section     | grey  |
| 2 | Circuit separator         | white |
| 3 | Test socket               |       |
| 4 | Test plug                 |       |
| 5 | Assembled jumper bar      | 32 A  |
|   | (without IP20 protection) | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
| 6 | IDC jumper                | 24 A  |
| 7 | Busbar                    |       |
| 8 | Screw clamp for busbar    |       |

R See section on markers marking method

### D 4/6.LNTP1

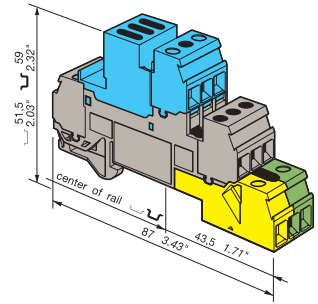
Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block

### D 4/6.LNTP3

Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block



| Colour                                                   | Type | Part number                           |
|----------------------------------------------------------|------|---------------------------------------|
| 3 circuits : "disconnect neutral" with busbar connection |      |                                       |
| 3 circuits : "feed-through"                              |      |                                       |
| 3 circuits : "ground" connected to the rail              |      |                                       |
| Blue, grey and green-yellow                              |      | <b>D 4/6.LNTP1</b> 1SNA 110 264 R0200 |

### Characteristics

| Wire size   | IEC      |                       | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             | NFC      | DIN                   |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

### Voltage

|                   |                 |       |       |
|-------------------|-----------------|-------|-------|
| Rated             | 320V(1)/400V(2) | 300 V | 300 V |
| Impulse withstand | 4kV(1)/6kV(2)   |       |       |
| Pollution degree  | 3               |       |       |

### Current

|       |               |      |         |      |      |
|-------|---------------|------|---------|------|------|
| Rated | Short circuit | 30 A | 480A/1s | 20 A | 20 A |
|-------|---------------|------|---------|------|------|

### Wire size

| Rated / Gauge     | 4 mm <sup>2</sup> /A4 | 12 AWG         | 12 AWG     |
|-------------------|-----------------------|----------------|------------|
| Wire strip length | Recomm. screwdriver   | Recomm. torque | Protection |
| 9,5 mm            | 4 mm                  | 0,5-0,8 Nm     | IP20       |
| .37"              | .16"                  | 4.4-7.1 lb.in  | NEMA 1     |



| Colour                                                  | Type | Part number                           |
|---------------------------------------------------------|------|---------------------------------------|
| 1 circuit : "disconnect neutral" with busbar connection |      |                                       |
| 3 circuits : "feed-through"                             |      |                                       |
| 1 circuit : "ground" connected to the rail              |      |                                       |
| Blue, grey and green-yellow                             |      | <b>D 4/6.LNTP3</b> 1SNA 110 269 R1700 |

### Characteristics

| Wire size   | IEC      |                       | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             | NFC      | DIN                   |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

### Voltage

|                   |                 |       |       |
|-------------------|-----------------|-------|-------|
| Rated             | 320V(1)/400V(2) | 300 V | 300 V |
| Impulse withstand | 4kV(1)/6kV(2)   |       |       |
| Pollution degree  | 3               |       |       |

### Current

|       |               |      |         |      |      |
|-------|---------------|------|---------|------|------|
| Rated | Short circuit | 30 A | 480A/1s | 20 A | 20 A |
|-------|---------------|------|---------|------|------|

### Wire size

| Rated / Gauge     | 4 mm <sup>2</sup> /A4 | 12 AWG         | 12 AWG     |
|-------------------|-----------------------|----------------|------------|
| Wire strip length | Recomm. screwdriver   | Recomm. torque | Protection |
| 9,5 mm            | 4 mm                  | 0,5-0,8 Nm     | IP20       |
| .37"              | .16"                  | 4.4-7.1 lb.in  | NEMA 1     |

| Type                           | Part numbers       |
|--------------------------------|--------------------|
| SCFD th. 1,5 mm                | 1SNA 114 117 R0700 |
| SCD                            | 1SNA 103 189 R2600 |
| AL2 (4) DIA. 2 mm              | 1SNA 167 319 R0600 |
| FC2 (3) DIA. 2 mm              | 1SNA 007 865 R2600 |
| BJM62 (4) 2 poles              | 1SNA 173 217 R2600 |
| BJM62 (4) 3 poles              | 1SNA 173 218 R0700 |
| BJM62 (4) 4 poles              | 1SNA 173 219 R0000 |
| BJM62 (4) 5 poles              | 1SNA 173 221 R2200 |
| BJM62 (4) 6 poles              | 1SNA 174 112 R1600 |
| BJM62 (4) 7 poles              | 1SNA 174 113 R1700 |
| BJM62 (4) 8 poles              | 1SNA 174 114 R1000 |
| BJM62 (4) 9 poles              | 1SNA 174 115 R1100 |
| BJM62 (4) 10 poles             | 1SNA 173 226 R2700 |
| AD2,5                          | 1SNA 114 205 R2000 |
| BO3 1000 x 10 x 3 mm           | 1SNA 164 406 R2400 |
| SFB1 0,5 to 35 mm <sup>2</sup> | 1SNA 163 860 R0500 |
| SFB2 16 to 35 mm <sup>2</sup>  | 1SNA 168 956 R0600 |

| Type                           | Part numbers       |
|--------------------------------|--------------------|
| SCFD th. 1,5 mm                | 1SNA 114 117 R0700 |
| SCD                            | 1SNA 103 189 R2600 |
| AL2 (4) DIA. 2 mm              | 1SNA 167 319 R0600 |
| FC2 (3) DIA. 2 mm              | 1SNA 007 865 R2600 |
| BJM62 (4) 2 poles              | 1SNA 173 217 R2600 |
| BJM62 (4) 3 poles              | 1SNA 173 218 R0700 |
| BJM62 (4) 4 poles              | 1SNA 173 219 R0000 |
| BJM62 (4) 5 poles              | 1SNA 173 221 R2200 |
| BJM62 (4) 6 poles              | 1SNA 174 112 R1600 |
| BJM62 (4) 7 poles              | 1SNA 174 113 R1700 |
| BJM62 (4) 8 poles              | 1SNA 174 114 R1000 |
| BJM62 (4) 9 poles              | 1SNA 174 115 R1100 |
| BJM62 (4) 10 poles             | 1SNA 173 226 R2700 |
| AD2,5                          | 1SNA 114 205 R2000 |
| BO3 1000 x 10 x 3 mm           | 1SNA 164 406 R2400 |
| SFB1 0,5 to 35 mm <sup>2</sup> | 1SNA 163 860 R0500 |
| SFB2 16 to 35 mm <sup>2</sup>  | 1SNA 168 956 R0600 |

#### For disconnect device :

|                     |                |
|---------------------|----------------|
| Recomm. screwdriver | Recomm. torque |
| 4 mm                | 0,4-0,6 Nm     |
| .16"                | 3.5-5.3 lb.in  |

#### For disconnect device :

|                     |                |
|---------------------|----------------|
| Recomm. screwdriver | Recomm. torque |
| 4 mm                | 0,4-0,6 Nm     |
| .16"                | 3.5-5.3 lb.in  |

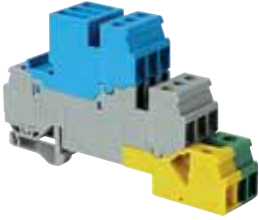
RC65

Note : (1) Between "feed-through" and neutral circuits. (2) Between 2 "feed-through" circuits (side by side). (3) For block equipped with AL2. (4) A circuit separator SC may be required with the use of these accessories.

# Terminal blocks for distribution boxes double-deck + protection

## Screw clamp

DIN 3



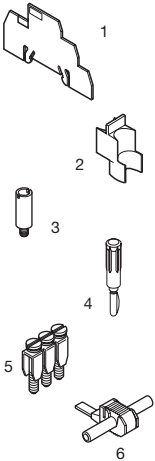
|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Complies with DIN 43880 standard (height above the mounting rail 35 x 7,5 ≤ 44 mm 1.73").  
 The Screw clamp terminal blocks, wire size 2,5 mm<sup>2</sup> (spacing 5 mm) to 16 mm<sup>2</sup> (spacing 12 mm) also comply with this standard.  
 The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



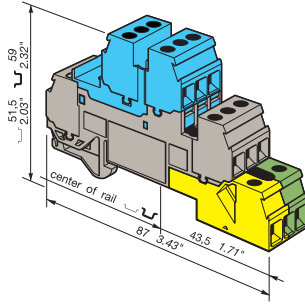
|   |                           |       |
|---|---------------------------|-------|
| 1 | Separator end section     | grey  |
| 2 | Circuit separator         | white |
| 3 | Test socket               |       |
| 4 | Test plug                 |       |
| 5 | Assembled jumper bar      | 32 A  |
|   | (without IP20 protection) | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
|   |                           | 32 A  |
| 6 | IDC jumper                | 24 A  |



R See section on markers marking method

### D 4/6.LNTP2

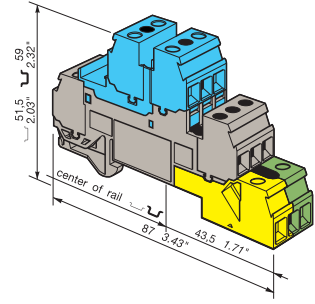
Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block

### D 4/6.LNTP8

Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block



| Colour                                      | Type        | Part number        | Colour                                     | Type        | Part number        |
|---------------------------------------------|-------------|--------------------|--------------------------------------------|-------------|--------------------|
| 3 circuits : "neutral"                      |             |                    | 1 circuit : "neutral"                      |             |                    |
| 3 circuits : "feed-through"                 |             |                    | 3 circuits : "feed-through"                |             |                    |
| 3 circuits : "ground" connected to the rail |             |                    | 1 circuit : "ground" connected to the rail |             |                    |
| Blue, grey and green-yellow                 |             |                    | Blue, grey and green-yellow                |             |                    |
|                                             | D 4/6.LNTP2 | 1SNA 110 327 R2100 |                                            | D 4/6.LNTP8 | 1SNA 110 333 R2700 |

### Characteristics

| Wire size   | IEC      |                       | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             | NFC      | DIN                   |           |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

### Characteristics

| Wire size   | IEC      |                       | UL/CSA    |
|-------------|----------|-----------------------|-----------|
|             | NFC      | DIN                   |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> | 18-12 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> | 18-12 AWG |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 400 V | 300 V | 300 V |
| Impulse withstand | 6 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Voltage

|                   |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

### Current

|       |               |      |         |      |      |
|-------|---------------|------|---------|------|------|
| Rated | Short circuit | 30 A | 480A/1s | 20 A | 20 A |
|-------|---------------|------|---------|------|------|

### Current

|       |               |      |           |      |
|-------|---------------|------|-----------|------|
| Rated | Short circuit | 30 A | 480 A/1s. | 20 A |
|-------|---------------|------|-----------|------|

### Wire size

| Rated / Gauge      | 4 mm <sup>2</sup> /A4 | 12 AWG         | 12 AWG     |
|--------------------|-----------------------|----------------|------------|
| Wire strip. length | 4 mm                  | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                  | 0,5-0,8 Nm     | IP20       |
| .37"               | .16"                  | 4.4-7.1 lb.in  | NEMA 1     |

### Wire size

| Rated / Gauge      | 4 mm <sup>2</sup> / A4 | 12 AWG         |
|--------------------|------------------------|----------------|
| Wire strip. length | Recomm. screwdriver    | Recomm. torque |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     |
| .37"               | .16"                   | 3.5-7 lb.in    |

| Type      | Part numbers                  |
|-----------|-------------------------------|
| SCFD      | th. 1,5 mm 1SNA 114 117 R0700 |
| SCD       | 1SNA 103 189 R2600            |
| AL2 (2)   | DIA. 2 mm 1SNA 167 319 R0600  |
| FC2 (1)   | DIA. 2 mm 1SNA 007 865 R2600  |
| BJM62 (2) | 2 poles 1SNA 173 217 R2600    |
| BJM62 (2) | 3 poles 1SNA 173 218 R0700    |
| BJM62 (2) | 4 poles 1SNA 173 219 R0000    |
| BJM62 (2) | 5 poles 1SNA 173 221 R2200    |
| BJM62 (2) | 6 poles 1SNA 174 112 R1600    |
| BJM62 (2) | 7 poles 1SNA 174 113 R1700    |
| BJM62 (2) | 8 poles 1SNA 174 114 R1000    |
| BJM62 (2) | 9 poles 1SNA 174 115 R1100    |
| BJM62 (2) | 10 poles 1SNA 173 226 R2700   |
| AD2,5     | 1SNA 114 205 R2000            |

| Type      | Part numbers                  |
|-----------|-------------------------------|
| SCFD      | th. 1,5 mm 1SNA 114 117 R0700 |
| SCD       | 1SNA 103 189 R2600            |
| AL2 (2)   | DIA. 2 mm 1SNA 167 319 R0600  |
| FC2 (1)   | DIA. 2 mm 1SNA 007 865 R2600  |
| BJM62 (2) | 2 poles 1SNA 173 217 R2600    |
| BJM62 (2) | 3 poles 1SNA 173 218 R0700    |
| BJM62 (2) | 4 poles 1SNA 173 219 R0000    |
| BJM62 (2) | 5 poles 1SNA 173 221 R2200    |
| BJM62 (2) | 6 poles 1SNA 174 112 R1600    |
| BJM62 (2) | 7 poles 1SNA 174 113 R1700    |
| BJM62 (2) | 8 poles 1SNA 174 114 R1000    |
| BJM62 (2) | 9 poles 1SNA 174 115 R1100    |
| BJM62 (2) | 10 poles 1SNA 173 226 R2700   |
| AD2,5     | 1SNA 114 205 R2000            |

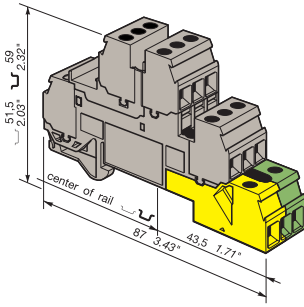
RC65

Note : (1) For block equipped with AL2.  
 (2) A circuit separator SC may be required with the use of these accessories.

RC65

**D 4/6.LNTP4**

Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block



| Colour                                                                   | Type | Part number                           |
|--------------------------------------------------------------------------|------|---------------------------------------|
| 6 circuits : "feed-through"<br>3 circuits "ground" connected to the rail |      |                                       |
| Grey and green-yellow                                                    |      | <b>D 4/6.LNTP4</b> 1SNA 110 328 R2000 |

**Characteristics**

| Wire size   | Wire size                                                     |           |           |
|-------------|---------------------------------------------------------------|-----------|-----------|
|             | IEC<br>NFC DIN                                                | UL        | CSA       |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup><br>Flexible 0,2-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 400 V | 300 V | 300 V |
| Impulse withstand | 6 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |               |      |         |
|---------|---------------|------|---------|
| Rated   | Short circuit | 30 A | 480A/1s |
|         |               | 20 A | 20 A    |

| Wire size          |                       |                |            |
|--------------------|-----------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> /A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver   | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                  | 0,5-0,8 Nm     | IP20       |
| .37"               | .16"                  | 4.4-7.1 lb.in  | NEMA 1     |

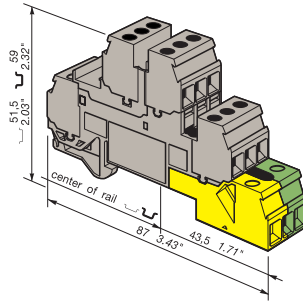
| Type      | Part numbers |                    |
|-----------|--------------|--------------------|
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |
| SCD       |              | 1SNA 103 189 R2600 |
| AL2 (2)   | DIA. 2 mm    | 1SNA 167 319 R0600 |
| FC2 (1)   | DIA. 2 mm    | 1SNA 007 865 R2600 |
| BJM62 (2) | 2 poles      | 1SNA 173 217 R2600 |
| BJM62 (2) | 3 poles      | 1SNA 173 218 R0700 |
| BJM62 (2) | 4 poles      | 1SNA 173 219 R0000 |
| BJM62 (2) | 5 poles      | 1SNA 173 221 R2200 |
| BJM62 (2) | 6 poles      | 1SNA 174 112 R1600 |
| BJM62 (2) | 7 poles      | 1SNA 174 113 R1700 |
| BJM62 (2) | 8 poles      | 1SNA 174 114 R1000 |
| BJM62 (2) | 9 poles      | 1SNA 174 115 R1100 |
| BJM62 (2) | 10 poles     | 1SNA 173 226 R2700 |
| AD2,5     |              | 1SNA 114 205 R2000 |

RC65

Note : (1) For block equipped with AL2.  
(2) A circuit separator **SC** may be required with the use of these accessories.

**D 4/6.LNTP7**

Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block



| Colour                                                                  | Type | Part number                           |
|-------------------------------------------------------------------------|------|---------------------------------------|
| 6 circuits : "feed-through"<br>1 circuit "ground" connected to the rail |      |                                       |
| Grey and green-yellow                                                   |      | <b>D 4/6.LNTP7</b> 1SNA 110 332 R2600 |

**Characteristics**

| Wire size   | Wire size                                                     |           |
|-------------|---------------------------------------------------------------|-----------|
|             | IEC<br>NFC DIN                                                | UL/CSA    |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup><br>Flexible 0,2-4 mm <sup>2</sup> | 18-12 AWG |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |               |          |
|---------|---------------|----------|
| Rated   | Short circuit | 30 A     |
|         |               | 480 A/1s |
|         |               | 20 A     |

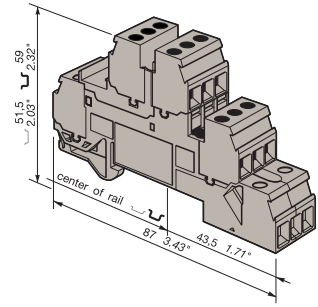
| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP20       |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

| Type      | Part numbers |                    |
|-----------|--------------|--------------------|
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |
| SCD       |              | 1SNA 103 189 R2600 |
| AL2 (2)   | DIA. 2 mm    | 1SNA 167 319 R0600 |
| FC2 (1)   | DIA. 2 mm    | 1SNA 007 865 R2600 |
| BJM62 (2) | 2 poles      | 1SNA 173 217 R2600 |
| BJM62 (2) | 3 poles      | 1SNA 173 218 R0700 |
| BJM62 (2) | 4 poles      | 1SNA 173 219 R0000 |
| BJM62 (2) | 5 poles      | 1SNA 173 221 R2200 |
| BJM62 (2) | 6 poles      | 1SNA 174 112 R1600 |
| BJM62 (2) | 7 poles      | 1SNA 174 113 R1700 |
| BJM62 (2) | 8 poles      | 1SNA 174 114 R1000 |
| BJM62 (2) | 9 poles      | 1SNA 174 115 R1100 |
| BJM62 (2) | 10 poles     | 1SNA 173 226 R2700 |
| AD2,5     |              | 1SNA 114 205 R2000 |

RC65

**D 4/6.LNTP6**

Spacing 17,8 mm + 0,2 (.700" + .008")



Closed terminal block



| Colour                      | Type | Part number                           |
|-----------------------------|------|---------------------------------------|
| 6 circuits : "feed-through" |      |                                       |
| Grey                        |      | <b>D 4/6.LNTP6</b> 1SNA 110 331 R2500 |

**Characteristics**

| Wire size   | Wire size                                                     |           |
|-------------|---------------------------------------------------------------|-----------|
|             | IEC<br>NFC DIN                                                | UL/CSA    |
| Screw clamp | Rigid 0,2-4 mm <sup>2</sup><br>Flexible 0,2-4 mm <sup>2</sup> | 18-12 AWG |

| Voltage           |       |       |
|-------------------|-------|-------|
| Rated             | 400 V | 300 V |
| Impulse withstand | 6 kV  |       |
| Pollution degree  | 3     |       |

| Current |               |          |
|---------|---------------|----------|
| Rated   | Short circuit | 30 A     |
|         |               | 480 A/1s |
|         |               | 20 A     |

| Wire size          |                        |                |            |
|--------------------|------------------------|----------------|------------|
| Rated / Gauge      | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm             | 4 mm                   | 0,4-0,8 Nm     | IP20       |
| .37"               | .16"                   | 3.5-7 lb.in    | NEMA 1     |

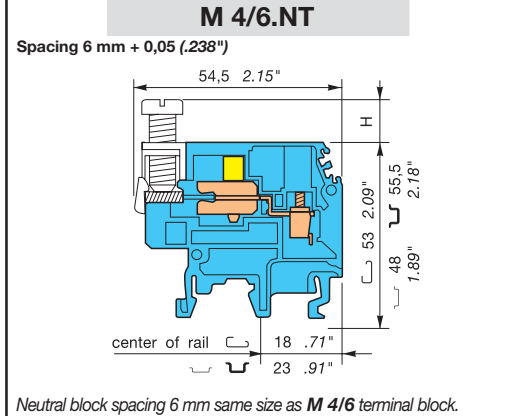
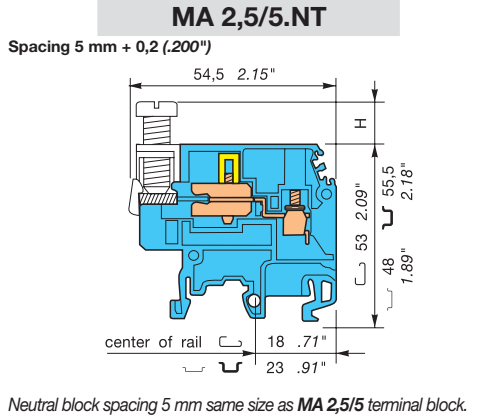
| Type      | Part numbers |                    |
|-----------|--------------|--------------------|
| SCFD      | th. 1,5 mm   | 1SNA 114 117 R0700 |
| SCD       |              | 1SNA 103 189 R2600 |
| AL2 (2)   | DIA. 2 mm    | 1SNA 167 319 R0600 |
| FC2 (1)   | DIA. 2 mm    | 1SNA 007 865 R2600 |
| BJM62 (2) | 2 poles      | 1SNA 173 217 R2600 |
| BJM62 (2) | 3 poles      | 1SNA 173 218 R0700 |
| BJM62 (2) | 4 poles      | 1SNA 173 219 R0000 |
| BJM62 (2) | 5 poles      | 1SNA 173 221 R2200 |
| BJM62 (2) | 6 poles      | 1SNA 174 112 R1600 |
| BJM62 (2) | 7 poles      | 1SNA 174 113 R1700 |
| BJM62 (2) | 8 poles      | 1SNA 174 114 R1000 |
| BJM62 (2) | 9 poles      | 1SNA 174 115 R1100 |
| BJM62 (2) | 10 poles     | 1SNA 173 226 R2700 |
| AD2,5     |              | 1SNA 114 205 R2000 |

RC65

# Interruptible terminal blocks for neutral circuit

## Screw clamp

DIN 1 - 3



| Colour | Type        | Part numbers       |  |
|--------|-------------|--------------------|--|
| Blue   | MA 2,5/5.NT | 1SNA 125 487 R0600 |  |

| Colour | Type     | Part numbers       |  |
|--------|----------|--------------------|--|
| Blue   | M 4/6.NT | 1SNA 125 117 R0200 |  |

### Characteristics

| Wire size   | IEC      |                          | UL | CSA |
|-------------|----------|--------------------------|----|-----|
|             | NFC      | DIN                      |    |     |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>    |    |     |
|             | Flexible | 0,22-2,5 mm <sup>2</sup> |    |     |

### Characteristics

| Wire size   | IEC      |                        | UL | CSA       |
|-------------|----------|------------------------|----|-----------|
|             | NFC      | DIN                    |    |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  |    | 18-12 AWG |
|             | Flexible | 0,22-4 mm <sup>2</sup> |    | 18-12 AWG |

### Voltage

|                   |       |  |  |
|-------------------|-------|--|--|
| Rated             | 400 V |  |  |
| Impulse withstand | 6 kV  |  |  |
| Pollution degree  | 3     |  |  |

### Current

|       |      |  |  |
|-------|------|--|--|
| Rated | 24 A |  |  |
|-------|------|--|--|

### Wire size

| Rated / Gauge     | 2,5 mm <sup>2</sup> /A3 |                |            |
|-------------------|-------------------------|----------------|------------|
| Wire strip length | Recomm. screwdriver     | Recomm. torque | Protection |
| 10 mm             | 3,5 mm                  | 0,4-0,6 Nm     |            |
| .39"              | .14"                    | 3.5-5.3 lb.in  |            |

### Voltage

|                   |       |  |       |
|-------------------|-------|--|-------|
| Rated             | 400 V |  | 300 V |
| Impulse withstand | 6 kV  |  |       |
| Pollution degree  | 3     |  |       |

### Current

|       |      |  |      |
|-------|------|--|------|
| Rated | 32 A |  | 25 A |
|-------|------|--|------|

### Wire size

| Rated / Gauge     | 4 mm <sup>2</sup> /A4 |                | 12 AWG     |
|-------------------|-----------------------|----------------|------------|
| Wire strip length | Recomm. screwdriver   | Recomm. torque | Protection |
| 12 mm             | 4 mm                  | 0,5-0,8 Nm     |            |
| .47"              | .16"                  | 4.4-7.1 lb.in  |            |

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

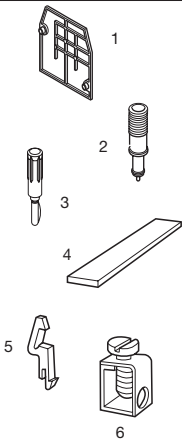
## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### For disconnect device :

| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 4 mm                | 0,4-0,6 Nm     |
| .16"                | 3.5-5.3 lb.in  |

## Accessories



|   |                        |      |
|---|------------------------|------|
| 1 | End section            | blue |
| 2 | Test device            |      |
| 3 | Test plug              |      |
| 4 | Busbar                 |      |
| 5 | Busbar lock            | blue |
| 6 | Screw clamp for busbar |      |

| Type | Part numbers                                        |                    |
|------|-----------------------------------------------------|--------------------|
| FEM6 | th. 2,8 mm                                          | 1SNA 128 368 R1000 |
| DCV  | green                                               | 1SNA 173 058 R0200 |
| FC2  | DIA. 2 mm                                           | 1SNA 007 865 R2600 |
| BO3  | 1000 x 10 x 3 mm                                    | 1SNA 164 406 R2400 |
| VRB3 |                                                     | 1SNA 128 035 R1600 |
| SFB1 | 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/.28" | 1SNA 163 860 R0500 |
| SFB2 | 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/.12"   | 1SNA 168 956 R0600 |

| Type | Part numbers                                        |                    |
|------|-----------------------------------------------------|--------------------|
| FEM6 | th. 2,8 mm                                          | 1SNA 128 368 R1000 |
| DCJ  | yellow                                              | 1SNA 173 058 R0200 |
| FC2  | DIA. 2 mm                                           | 1SNA 007 865 R2600 |
| BO3  | 1000 x 10 x 3 mm                                    | 1SNA 164 406 R2400 |
| VRB3 |                                                     | 1SNA 128 035 R1600 |
| SFB1 | 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/.28" | 1SNA 163 860 R0500 |
| SFB2 | 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/.12"   | 1SNA 168 956 R0600 |



R See section on markers marking method

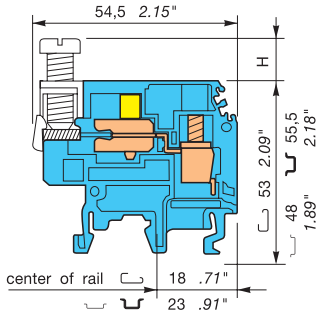
RC55 - RC510

RC65 - RC610



**M 6/8.NT**

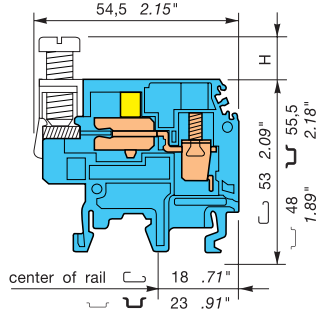
Spacing 8 mm - 0,05 (.315")



Neutral block spacing 8 mm same size as **M 6/8** terminal block.

**M 10/10.NT**

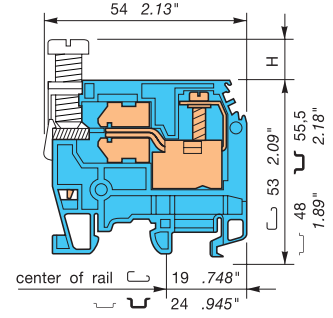
Spacing 10 mm - 0,05 (.394")



Neutral block spacing 10 mm same size as **M 10/10** terminal block.

**M 16/12.NT1**

Spacing 12 mm -0,1 (.473")



Neutral block spacing 12 mm same size as **M16/12** terminal block.

|    |    |    |
|----|----|----|
| CE | CE | CE |
|----|----|----|

| Colour | Type            | Part numbers       | Colour | Type              | Part numbers       | Colour | Type               | Part numbers       |
|--------|-----------------|--------------------|--------|-------------------|--------------------|--------|--------------------|--------------------|
| Blue   | <b>M 6/8.NT</b> | 1SNA 125 119 R1400 | Blue   | <b>M 10/10.NT</b> | 1SNA 125 121 R0600 | Blue   | <b>M 16/12.NT1</b> | 1SNA 125 593 R0000 |

**Characteristics**

| Wire size   | IEC      |                        | UL | CSA      | Wire size   | IEC      |                        | UL | CSA      | Wire size   | IEC      |                        | UL | CSA |
|-------------|----------|------------------------|----|----------|-------------|----------|------------------------|----|----------|-------------|----------|------------------------|----|-----|
|             | NFC      | DIN                    |    |          |             | NFC      | DIN                    |    |          |             | NFC      | DIN                    |    |     |
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    |          | Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> |    |          | Screw clamp | Rigid    | 2,5-25 mm <sup>2</sup> |    |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 18-8 AWG |             | Flexible | 0,5-10 mm <sup>2</sup> |    | 18-6 AWG |             | Flexible | 2,5-16 mm <sup>2</sup> |    |     |

| Voltage           |       |  |       | Voltage           |       |  |       | Voltage           |       |  |  |
|-------------------|-------|--|-------|-------------------|-------|--|-------|-------------------|-------|--|--|
| Rated             | 400 V |  | 300 V | Rated             | 400 V |  | 300 V | Rated             | 400 V |  |  |
| Impulse withstand | 6 kV  |  |       | Impulse withstand | 6 kV  |  |       | Impulse withstand | 6 kV  |  |  |
| Pollution degree  | 3     |  |       | Pollution degree  | 3     |  |       | Pollution degree  | 3     |  |  |

| Current |      |  |      | Current |      |  |      | Current |      |  |  |
|---------|------|--|------|---------|------|--|------|---------|------|--|--|
| Rated   | 41 A |  | 50 A | Rated   | 57 A |  | 75 A | Rated   | 76 A |  |  |

| Wire size          |                     |                       |            | Wire size          |                     |                 |            | Wire size              |                     |                 |            |                    |                     |                        |            |
|--------------------|---------------------|-----------------------|------------|--------------------|---------------------|-----------------|------------|------------------------|---------------------|-----------------|------------|--------------------|---------------------|------------------------|------------|
| Rated / Gauge      |                     | 6 mm <sup>2</sup> /A5 |            | 8 AWG              |                     | Rated / Gauge   |            | 10 mm <sup>2</sup> /B6 |                     | 6 AWG           |            | Rated / Gauge      |                     | 16 mm <sup>2</sup> /B7 |            |
| Wire strip. length | Recomm. screwdriver | Recomm. torque        | Protection | Wire strip. length | Recomm. screwdriver | Recomm. torque  | Protection | Wire strip. length     | Recomm. screwdriver | Recomm. torque  | Protection | Wire strip. length | Recomm. screwdriver | Recomm. torque         | Protection |
| 12 mm              | 4-5 mm              | 0,8-1 Nm              |            | 12 mm              | 5,5-6 mm            | 1,2-1,4 Nm      |            | 14 mm                  | 5,5 mm              | 1,2-1,4 Nm      |            | 14 mm              | 5,5 mm              | 1,2-1,4 Nm             |            |
| .47"               | .16-.20"            | 7.1-8.9 lb.in         |            | .47"               | .22-.24"            | 10.6-12.3 lb.in |            | .51"                   | .22"                | 10.6-12.3 lb.in |            | .51"               | .22"                | 10.6-12.3 lb.in        |            |

| Type | Part numbers                                       |                    | Type | Part numbers                                       |                    | Type | Part numbers                                       |                    |
|------|----------------------------------------------------|--------------------|------|----------------------------------------------------|--------------------|------|----------------------------------------------------|--------------------|
| FEM6 | th.2,8 mm                                          | 1SNA 128 368 R1000 | FEM6 | th.2,8 mm                                          | 1SNA 128 368 R1000 | FEM6 | th.2,8 mm                                          | 1SNA 128 368 R1000 |
| DCO  | orange                                             | 1SNA 173 060 R0000 |      |                                                    |                    |      |                                                    |                    |
| FC2  | DIA. 2 mm                                          | 1SNA 007 865 R2600 |      |                                                    |                    |      |                                                    |                    |
| BO3  | 1000 x 10 x 3 mm                                   | 1SNA 164 406 R2400 | BO3  | 1000 x 10 x 3 mm                                   | 1SNA 164 406 R2400 | BO3  | 1000 x 10 x 3 mm                                   | 1SNA 164 406 R2400 |
| VRB3 |                                                    | 1SNA 128 035 R1600 | VRB3 |                                                    | 1SNA 128 035 R1600 | VRB3 |                                                    | 1SNA 128 035 R1600 |
| SFB1 | 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/28" | 1SNA 163 860 R0500 | SFB1 | 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/28" | 1SNA 163 860 R0500 | SFB1 | 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/28" | 1SNA 163 860 R0500 |
| SFB2 | 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/12"   | 1SNA 168 956 R0600 | SFB2 | 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/12"   | 1SNA 168 956 R0600 | SFB2 | 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/12"   | 1SNA 168 956 R0600 |

**For disconnect device :**

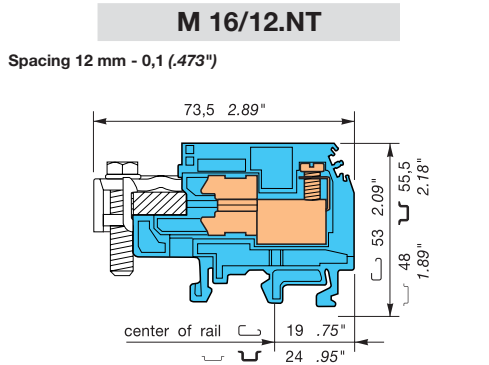
| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 4 mm                | 0,5-0,8 Nm     |
| .16"                | 4,4-7,1 lb.in  |

|       |        |              |        |
|-------|--------|--------------|--------|
| RC810 | RC1010 | RC65 - RC610 | RC1010 |
|-------|--------|--------------|--------|

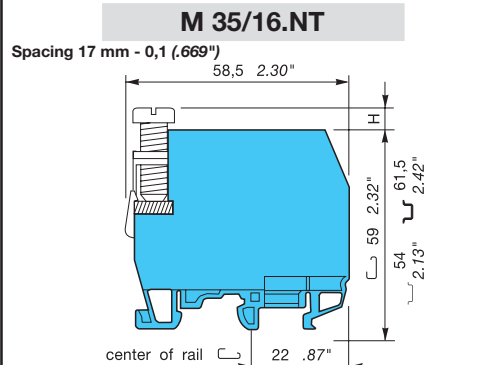
# Interruptible terminal blocks for neutral circuit

## Screw clamp

DIN 1 - 3



Interruptible neutral terminal block spacing 12 mm, same size as M 16/12 terminal block, compatible with busbar 15 x 6 mm.



Closed block spacing 17 mm same size as M 35/16 terminal block.

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Colour | Type       | Part numbers       |
|--------|------------|--------------------|
| Blue   | M 16/12.NT | 1SNA 125 128 R1500 |

| Colour | Type       | Part numbers       |
|--------|------------|--------------------|
| Blue   | M 35/16.NT | 1SNA 125 358 R0300 |

| Characteristics |          |                        |    |         |
|-----------------|----------|------------------------|----|---------|
| Wire size       | IEC      |                        | UL | CSA     |
|                 | NFC      | DIN                    |    |         |
| Screw clamp     | Rigid    | 2,5-25 mm <sup>2</sup> |    | 8-4 AWG |
|                 | Flexible | 2,5-16 mm <sup>2</sup> |    | 8-4 AWG |

| Characteristics |          |                       |    |     |
|-----------------|----------|-----------------------|----|-----|
| Wire size       | IEC      |                       | UL | CSA |
|                 | NFC      | DIN                   |    |     |
| Screw clamp     | Rigid    | 10-50 mm <sup>2</sup> |    |     |
|                 | Flexible | 10-35 mm <sup>2</sup> |    |     |

| Voltage           |                        |                 |            |
|-------------------|------------------------|-----------------|------------|
| Rated             | 400 V                  |                 | 300 V      |
| Impulse withstand | 6 kV                   |                 |            |
| Pollution degree  | 3                      |                 |            |
| Current           |                        |                 |            |
| Rated             | 76 A                   |                 | 105 A      |
| Wire size         |                        |                 |            |
| Rated / Gauge     | 16 mm <sup>2</sup> /B7 |                 | 4 AWG      |
| Wire strip length | Recomm. screwdriver    | Recomm. torque  | Protection |
| 14 mm             | 5,5 mm                 | 1,2-1,4 Nm      |            |
| .55"              | .22"                   | 10.6-12.3 lb.in |            |

| Voltage           |                        |                 |            |
|-------------------|------------------------|-----------------|------------|
| Rated             | 400 V                  |                 |            |
| Impulse withstand | 6 kV                   |                 |            |
| Pollution degree  | 3                      |                 |            |
| Current           |                        |                 |            |
| Rated             | 125 A                  |                 |            |
| Wire size         |                        |                 |            |
| Rated / Gauge     | 35 mm <sup>2</sup> /B9 |                 |            |
| Wire strip length | Recomm. screwdriver    | Recomm. torque  | Protection |
| 17 mm             | 6,5-7 mm               | 2,8-3 Nm        |            |
| .67"              | .26-.28"               | 24.6-26.1 lb.in |            |

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

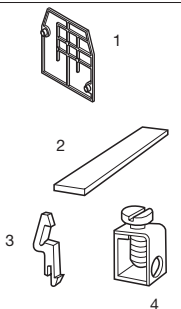
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### For disconnect device :

| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 5,5 mm              | 0,5-0,8 Nm     |
| .22"                | 4.4-7.1 lb.in  |

### Accessories



|   |                        |      |
|---|------------------------|------|
| 1 | End section            | blue |
| 2 | Busbar                 |      |
| 3 | Busbar lock            | blue |
| 4 | Screw clamp for busbar |      |



R See section on markers marking method

| Type                                      | Part numbers       |
|-------------------------------------------|--------------------|
| FEM12N th. 1 mm                           | 1SNA 128 616 R2100 |
| BO6 1000 x 15 x 6 mm                      | 1SNA 168 417 R2200 |
| VRB6                                      | 1SNA 128 361 R0100 |
| SFB3 16 to 95 mm <sup>2</sup> 4 to 00 AWG | 1SNA 168 690 R1000 |
| RC65 - RC610                              | RC1010             |

| Type                                                     | Part numbers       |
|----------------------------------------------------------|--------------------|
| Closed block delivered with end section                  |                    |
| BO3 1000 x 10 x 3 mm                                     | 1SNA 164 406 R2400 |
| VRB3                                                     | 1SNA 128 035 R1600 |
| SFB1 0,5 to 35 mm <sup>2</sup> 18 to 2 AWG H = 7 mm/.28" | 1SNA 163 860 R0500 |
| SFB2 16 to 35 mm <sup>2</sup> 6 to 2 AWG H = 3 mm/.12"   | 1SNA 168 956 R0600 |
| RC65 - RC610                                             | RC810 RC1010       |

Notes



Lined area for taking notes, consisting of a red line followed by many horizontal black lines.

**Ground terminal blocks not electrically connected to the mounting rail (isolated ground)**

**Screw clamp**  
DIN 1 - 3

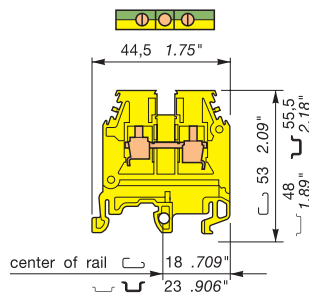


refer to the section "Special Applications" for part numbers and characteristics.

Other accessories of these terminal blocks : see pages of same size standard blocks.

**MA 2,5/5.PI**

Spacing 5 mm + 0,08 (.200")

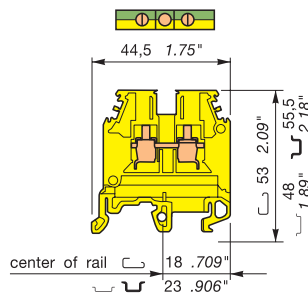


Type Part number

Yellow body with green strip on the top  
**MA 2,5/5.PI** 1SNA 165 677 R0300

**M 4/6.PI**

Spacing 6 mm + 0,05 (.238")

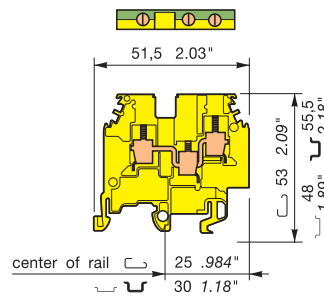


Type Part number

Yellow body with green strip on the top  
**M 4/6.PI** 1SNA 165 275 R0000

**M 4/6.3A.PI**

Spacing 6 mm + 0,05 (.238")



Type Part number

Yellow body with green strip on the top  
**M 4/6.3A.PI** 1SNA 165 589 R2400

**Characteristics**

| Wire size                      | Screw clamp | IEC                   |                     |                          | UL           |                       |                     | CSA                      |              |                       |                     |                          |              |                       |                     |                          |              |  |  |
|--------------------------------|-------------|-----------------------|---------------------|--------------------------|--------------|-----------------------|---------------------|--------------------------|--------------|-----------------------|---------------------|--------------------------|--------------|-----------------------|---------------------|--------------------------|--------------|--|--|
|                                |             | NFC                   | DIN                 | mm²                      | AWG          | mm²                   | AWG                 | mm²                      | AWG          | mm²                   | AWG                 |                          |              |                       |                     |                          |              |  |  |
|                                | Rigid       | 0,2-4                 |                     |                          | 22-12        |                       |                     | 22-12                    |              |                       | 22-10               |                          |              | 12 AWG max.           |                     |                          |              |  |  |
|                                | Flexible    | 0,22-2,5              |                     |                          | 22-12        |                       |                     | 22-12                    |              |                       | 22-10               |                          |              | 12 AWG max.           |                     |                          |              |  |  |
| <b>Short circuit current</b>   |             | 300A/1s               |                     |                          |              |                       |                     | 480A/1s                  |              |                       | 480A/1s             |                          |              |                       |                     |                          |              |  |  |
| <b>Rated wire size / Gauge</b> |             | 2,5 mm² / A3          |                     |                          | 12 AWG       |                       |                     | 12 AWG                   |              |                       | 4 mm² / A4          |                          |              | 10 AWG                |                     |                          | 12 AWG       |  |  |
| <b>Other characteristics</b>   |             | Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   |  |  |
|                                |             | 10 mm .39"            | 3.5 mm .14"         | 0,4-0,6 Nm 3.5-5.3 lb.in | IP 20 NEMA 1 | 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 | 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 | 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 |  |  |

Approvals: TÜV, UL, CE, etc.

**Accessories**

|                              | Type                                                    | Part number        | Type            | Part number        | Type           | Part number        |
|------------------------------|---------------------------------------------------------|--------------------|-----------------|--------------------|----------------|--------------------|
| 1 End section yellow         | FEM6 th. 2,8 mm                                         | 1SNA 103 062 R2100 | FEM6 th. 2,8 mm | 1SNA 103 062 R2100 | FEM3A th. 3 mm | 1SNA 103 862 R2000 |
| 2 Separator end section grey | SCF6 th. 3 mm                                           | 1SNA 118 707 R0300 | SCF6 th. 3 mm   | 1SNA 118 707 R0300 |                |                    |
| R See markers marking method | RC65 - RC510 sides of block and only RC510 top of block |                    | RC65 - RC610    | RCT610 - RTM7      | RC65 - RC610   | RCT610 - RTM7      |

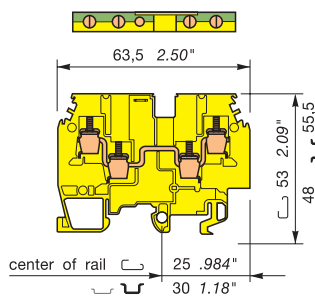
**Ground terminal blocks not electrically connected to the mounting rail (isolated ground)**

**Screw clamp**  
DIN 1 - 3

Other accessories of these terminal blocks : see pages of same size standard blocks.

**M 4/6.4A.PI**

Spacing 6 mm + 0,05 (.238")

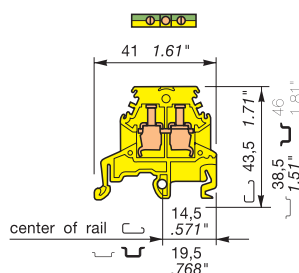


Type Part number

Yellow body with green strip on the top  
**M 4/6.4A.PI** 1SNA 165 590 R2100

**MS 4/6.PI**

Spacing 6 mm + 0,05 (.238")

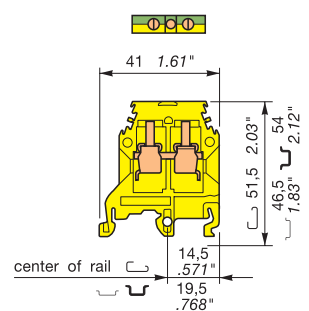


Type Part number

Yellow body with green strip on the top  
**MS 4/6.PI** 1SNA 165 323 R2000

**MS 6/8.PI**

Spacing 8 mm - 0,05 .315"



Type Part number

Yellow body with green strip on the top  
**MS 6/8.PI** 1SNA 165 324 R2100

**Characteristics**

| Wire size                      | Screw clamp | IEC                   |                     |                          | UL           |                       |                     | CSA                     |              |                       |                     |                        |              |                       |                     |                |            |
|--------------------------------|-------------|-----------------------|---------------------|--------------------------|--------------|-----------------------|---------------------|-------------------------|--------------|-----------------------|---------------------|------------------------|--------------|-----------------------|---------------------|----------------|------------|
|                                |             | NFC                   | DIN                 | mm²                      | AWG          | mm²                   | AWG                 | mm²                     | AWG          | mm²                   | AWG                 |                        |              |                       |                     |                |            |
|                                | Rigid       | 0,2-4                 |                     |                          | 22-10        |                       |                     | 12 AWG max.             |              |                       | 22-12               |                        |              | 20-8 AWG              |                     |                |            |
|                                | Flexible    | 0,22-4                |                     |                          | 22-10        |                       |                     | 12 AWG max.             |              |                       | 22-12               |                        |              | 20-8 AWG              |                     |                |            |
| <b>Short circuit current</b>   |             | 480A/1s               |                     |                          |              |                       |                     | 480A/1s                 |              |                       | 720A/1s             |                        |              |                       |                     |                |            |
| <b>Rated wire size / Gauge</b> |             | 4 mm² / A4            |                     |                          | 10 AWG       |                       |                     | 12 AWG                  |              |                       | 6 mm² / A5          |                        |              | 8 AWG                 |                     |                |            |
| <b>Other characteristics</b>   |             | Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque          | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection |
|                                |             | 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 | 10 mm .39"            | 4 mm .157"          | 0,5-0,8Nm 4.4-7.1 lb.in | IP 20 NEMA 1 | 12 mm .47"            | 4-5 mm .157"- .197" | 0,8-1 Nm 7.1-8.9 lb.in | IP 20 NEMA 1 |                       |                     |                |            |

Approvals: TÜV, UL, CE, etc.

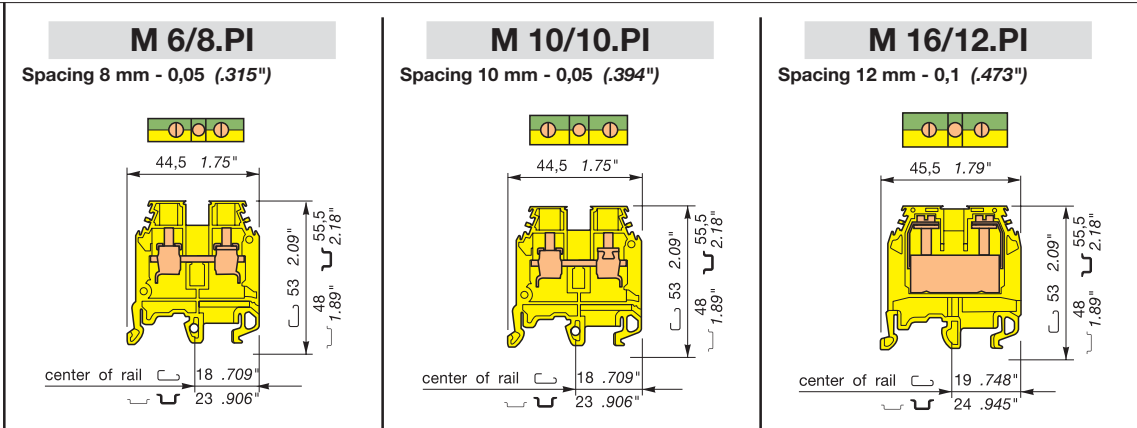
**Accessories**

|                              | Type           | Part number        | Type            | Part number                 | Type              | Part number                         |
|------------------------------|----------------|--------------------|-----------------|-----------------------------|-------------------|-------------------------------------|
| 1 End section yellow         | FEM4A th. 3 mm | 1SNA 103 863 R2100 | FEMS6 th.2,8 mm | 1SNA 103 300 R1100          | FEMS8 th. 3 mm    | 1SNA 103 301 R0600                  |
| 2 Separator end section grey |                |                    |                 |                             |                   |                                     |
| R See markers marking method | RC65 - RC610   | RCT610 - RTM7      | RC65 - RC610    | RC65 - RC610 Sides of block | RC65 Top of block | RC65 - RC610 - RC810 Sides of block |

**Ground terminal blocks not electrically connected to the mounting rail (isolated ground)**

**Screw clamp**

DIN 1 - 3



| Type                                    | Part number                 | Type                                    | Part number                   | Type                                    | Part number                   |
|-----------------------------------------|-----------------------------|-----------------------------------------|-------------------------------|-----------------------------------------|-------------------------------|
| Yellow body with green strip on the top | M 6/8.PI 1SNA 165 451 R2100 | Yellow body with green strip on the top | M 10/10.PI 1SNA 165 452 R2200 | Yellow body with green strip on the top | M 16/12.PI 1SNA 165 453 R2300 |

refer to the section "Special Applications" for part numbers and characteristics.

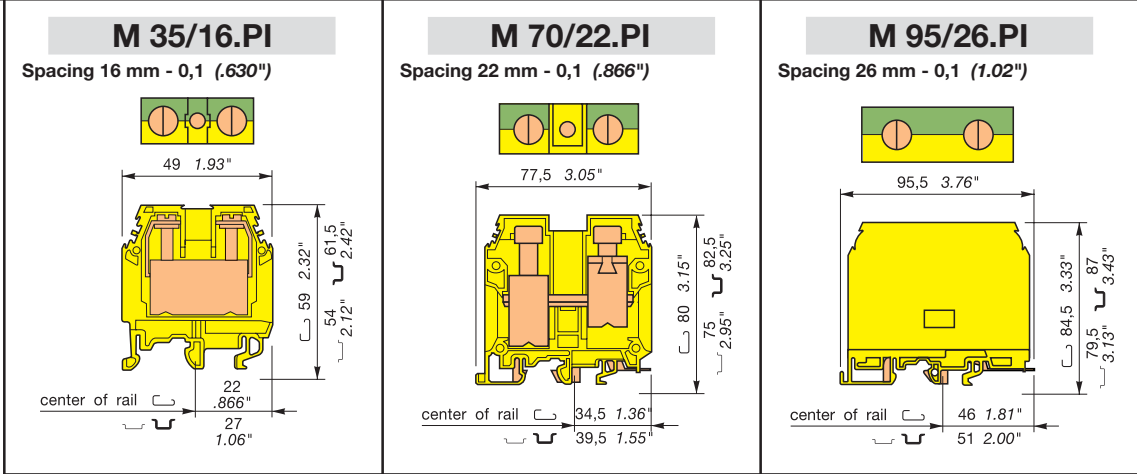
Other accessories of these terminal blocks : see pages of same size standard blocks.

| Characteristics         |                       | IEC                    |                                   |                                   | UL                                |                                  |                                 | CSA                             |                                 |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |  |  |
|-------------------------|-----------------------|------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|
| Wire size               | Screw clamp           | NEC                    | DIN                               | mm <sup>2</sup>                   | AWG                               | AWG                              | AWG                             | NEC                             | DIN                             | mm <sup>2</sup>                  | UL                               | AWG                              | CSA                              | AWG                              |                                  |                                  |                                  |  |  |
|                         |                       | Rigid                  | 0,5-10                            |                                   |                                   | 22-8                             | 8                               | 24-8                            | 0,5-16                          |                                  |                                  | 20-6                             | 6                                | 18-6                             | 14-4                             |                                  |                                  |  |  |
|                         | Flexible              | 0,5-6                  |                                   |                                   | 22-8                              | 8                                | 24-8                            | 0,5-10                          |                                 |                                  | 20-6                             | 6                                | 18-6                             | 14-4                             |                                  |                                  |                                  |  |  |
| Short circuit current   |                       | 720A/1s                |                                   |                                   |                                   |                                  |                                 | 1200A/1s                        |                                 |                                  | 1920A/1s                         |                                  |                                  |                                  |                                  |                                  |                                  |  |  |
| Rated wire size / Gauge |                       | 6 mm <sup>2</sup> / A5 |                                   |                                   | 8 AWG                             |                                  |                                 | 8 AWG                           |                                 |                                  | 10 mm <sup>2</sup> / B6          |                                  |                                  | 6 AWG                            |                                  |                                  | 6 AWG                            |  |  |
| Other characteristics   |                       | Wire stripping length  | Recomm. screwdriver               | Recomm. torque                    | Protection                        | Wire stripping length            | Recomm. screwdriver             | Recomm. torque                  | Protection                      | Wire stripping length            | Recomm. screwdriver              | Recomm. torque                   | Protection                       | Wire stripping length            | Recomm. screwdriver              | Recomm. torque                   | Protection                       |  |  |
|                         |                       | 12 mm .47"             | 4-5 mm .157"-.197"                | 0,8-1 Nm 7.1-8.9 lb.in            | IP 20 NEMA 1                      | 12 mm .47"                       | 5,5-6 mm .217"-.238"            | 1,2-1,4 Nm 10.6-12.3 lb.in      | IP 20 NEMA 1                    | 14 mm .55"                       | 5,5 mm .22"                      | 1,2-1,4 Nm 10.6-12.3 lb.in       | IP 10                            | 14 mm .55"                       | 5,5 mm .22"                      | 1,2-1,4 Nm 10.6-12.3 lb.in       | IP 10                            |  |  |
| Approvals               |                       |                        |                                   |                                   |                                   |                                  |                                 |                                 |                                 |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |  |  |
| Accessories             |                       | Type                   | Part number                       | Type                              | Part number                       | Type                             | Part number                     | Type                            | Part number                     | Type                             | Part number                      | Type                             | Part number                      | Type                             | Part number                      | Type                             | Part number                      |  |  |
| 1                       | End section           | yellow                 | FEM6 th.2,8 mm 1SNA 103 062 R2100 | FEM6 th.2,8 mm 1SNA 103 062 R2100 | FEM6 th.2,8 mm 1SNA 103 062 R2100 | FEM12 th.3 mm 1SNA 103 065 R2400 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 |  |  |
| 2                       | Separator end section | grey                   | SCF6 th.3 mm 1SNA 118 707 R0300   | SCF6 th.3 mm 1SNA 118 707 R0300   | SCF6 th.3 mm 1SNA 118 707 R0300   | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF6 th.3 mm 1SNA 118 707 R0300 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 | SCF12 th.3 mm 1SNA 113 102 R1000 |  |  |
| R                       | See markers           | marking method         | RC810 - RCT810                    | RC810 - RCT810                    | RC810 - RCT810                    | RC810 - RCT810                   | RC810 - RCT810                  | RC810 - RCT810                  | RC810 - RCT810                  | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   | RC810 - RCT810                   |  |  |

**Ground terminal blocks not electrically connected to the mounting rail (isolated ground)**

**Screw clamp**

DIN 1 - 3



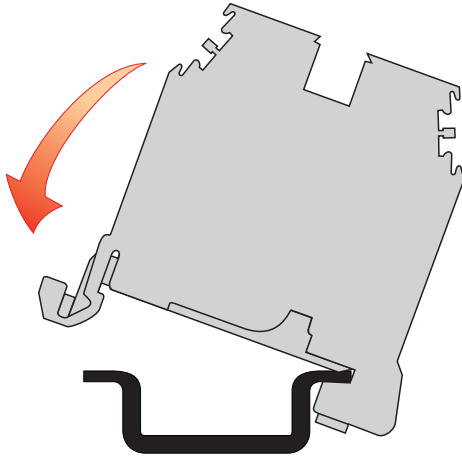
| Type                                    | Part number                   | Type                                    | Part number                   | Type                                    | Part number                   |
|-----------------------------------------|-------------------------------|-----------------------------------------|-------------------------------|-----------------------------------------|-------------------------------|
| Yellow body with green strip on the top | M 35/16.PI 1SNA 165 454 R2400 | Yellow body with green strip on the top | M 70/22.PI 1SNA 165 596 R1300 | Yellow body with green strip on the top | M 95/26.PI 1SNA 165 556 R2200 |

refer to the section "Special Applications" for part numbers and characteristics.

Other accessories of these terminal blocks : see pages of same size standard blocks.

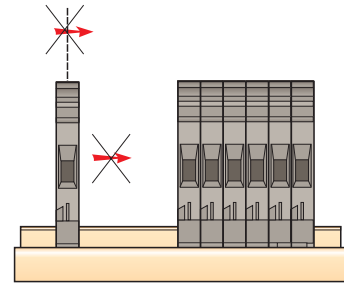
| Characteristics         |                       | IEC                     |                                  |                                  | UL                               |                                  |                                   | CSA                              |                                  |                                  |                                   |                                  |                                  |                                  |                                   |                                  |                                  |  |  |
|-------------------------|-----------------------|-------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|--|--|
| Wire size               | Screw clamp           | NEC                     | DIN                              | mm <sup>2</sup>                  | AWG                              | AWG                              | AWG                               | NEC                              | DIN                              | mm <sup>2</sup>                  | UL                                | AWG                              | CSA                              | AWG                              |                                   |                                  |                                  |  |  |
|                         |                       | Rigid                   | 1-50                             |                                  |                                  | 16-0                             | 0                                 | 16-0                             | 16-95                            |                                  |                                   | 4-00                             | 00                               | 4-00                             | 35-120                            |                                  |                                  |  |  |
|                         | Flexible              | 1-35                    |                                  |                                  | 16-2                             | 2                                | 16-2                              | 16-70                            |                                  |                                  | 4-00                              | 00                               | 4-00                             | 35-95                            |                                   |                                  |                                  |  |  |
| Short circuit current   |                       | 4200A/1s                |                                  |                                  |                                  |                                  |                                   | 8400A/1s                         |                                  |                                  | 11400A/1s                         |                                  |                                  |                                  |                                   |                                  |                                  |  |  |
| Rated wire size / Gauge |                       | 35 mm <sup>2</sup> / B9 |                                  |                                  | 0 AWG                            |                                  |                                   | 0 AWG                            |                                  |                                  | 70 mm <sup>2</sup> / B11          |                                  |                                  | 00 AWG                           |                                   |                                  | 00 AWG                           |  |  |
| Other characteristics   |                       | Wire stripping length   | Recomm. screwdriver              | Recomm. torque                   | Protection                       | Wire stripping length            | Recomm. screwdriver               | Recomm. torque                   | Protection                       | Wire stripping length            | Recomm. screwdriver               | Recomm. torque                   | Protection                       | Wire stripping length            | Recomm. screwdriver               | Recomm. torque                   | Protection                       |  |  |
|                         |                       | 17 mm .669"             | 6,5-7 mm .255"-.276"             | 2,8-3 Nm 24.3-26.1 lb.in         | IP 10                            | 25 mm .98"                       | 6 pans creux 6 mm .236" Allen Key | 6-7 Nm 52-61 lb.in               | IP 10                            | 26 mm 1.02"                      | 6 pans creux 6 mm .236" Allen Key | 8,5-9,5 Nm 74-83 lb.in           | IP 20 NEMA 1                     | 26 mm 1.02"                      | 6 pans creux 6 mm .236" Allen Key | 8,5-9,5 Nm 74-83 lb.in           | IP 20 NEMA 1                     |  |  |
| Approvals               |                       |                         |                                  |                                  |                                  |                                  |                                   |                                  |                                  |                                  |                                   |                                  |                                  |                                  |                                   |                                  |                                  |  |  |
| Accessories             |                       | Type                    | Part number                      | Type                             | Part number                      | Type                             | Part number                       | Type                             | Part number                      | Type                             | Part number                       | Type                             | Part number                      | Type                             | Part number                       | Type                             | Part number                      |  |  |
| 1                       | End section           | yellow                  | FEM16 th.3 mm 1SNA 103 061 R2000 | FEM22 th.3 mm 1SNA 103 881 R1400 | FEM22 th.3 mm 1SNA 103 881 R1400 | SCF16 th.3 mm 1SNA 113 101 R1700 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 |  |  |
| 2                       | Separator end section | grey                    | SCF16 th.3 mm 1SNA 113 101 R1700 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600  | SCF22 th.3 mm 1SNA 113 851 R1600 | SCF22 th.3 mm 1SNA 113 851 R1600 |  |  |
| R                       | See markers           | marking method          | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                      | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                      | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                     | RC65 - RC610                      | RC65 - RC610                     | RC65 - RC610                     |  |  |

### Terminal blocks snapped on mounting rail : instructions



Snap the block on the mounting rail

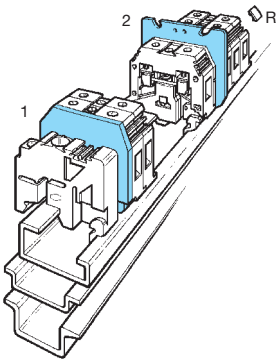
The snap-on terminal blocks cannot slide on the mounting rail.



#### Ground terminal blocks electrically connected to the mounting rail

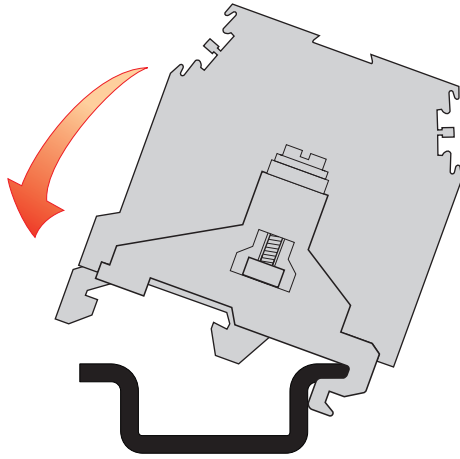
Screw clamp

DIN 3

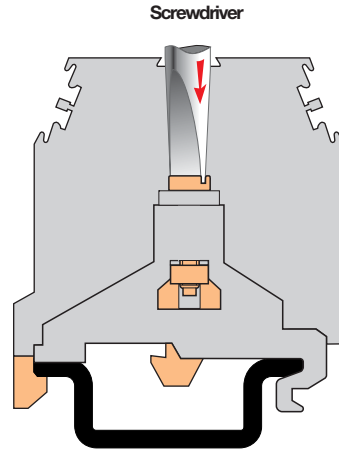


|                                            |  | <b>D 2,5/5.P</b><br>Spacing 5 mm + 0,08 (.200")                           |  |                       |  | <b>D 4/6.P</b><br>Spacing 6 mm + 0,05 (.238")                             |  |                    |  | <b>D 6/8.P</b><br>Spacing 8 mm - 0,05 (.315") |  |                     |  |                          |  |            |  |
|--------------------------------------------|--|---------------------------------------------------------------------------|--|-----------------------|--|---------------------------------------------------------------------------|--|--------------------|--|-----------------------------------------------|--|---------------------|--|--------------------------|--|------------|--|
|                                            |  | <p>Center of rail</p> <p>Mounting on rail by spring.</p>                  |  |                       |  | <p>center of rail</p>                                                     |  |                    |  | <p>center of rail</p>                         |  |                     |  |                          |  |            |  |
|                                            |  | Type                                                                      |  | Part number           |  | Type                                                                      |  | Part number        |  | Type                                          |  | Part number         |  |                          |  |            |  |
|                                            |  | Green body / yellow marking                                               |  | 1SNA 165 909 R0500    |  | Green-yellow                                                              |  | 1SNA 165 809 R0100 |  | Green-yellow                                  |  | 1SNA 165 830 R2100  |  |                          |  |            |  |
|                                            |  | <b>D 2,5/5.P</b>                                                          |  |                       |  | <b>D 4/6.P</b>                                                            |  |                    |  | <b>D 6/8.P</b>                                |  |                     |  |                          |  |            |  |
|                                            |  | Terminal block for ground wire, same size as <b>M 4/6</b> terminal block. |  |                       |  | Terminal block for ground wire, same size as <b>M 6/8</b> terminal block. |  |                    |  |                                               |  |                     |  |                          |  |            |  |
| <b>Characteristics</b>                     |  | IEC                                                                       |  | UL                    |  | IEC                                                                       |  | UL                 |  | IEC                                           |  | UL                  |  |                          |  |            |  |
| Wire size                                  |  | NFC DIN                                                                   |  | CSA                   |  | NFC-DIN                                                                   |  | CSA                |  | NFC-DIN                                       |  | CSA                 |  |                          |  |            |  |
| Screw clamp                                |  | Rigid                                                                     |  |                       |  | 0,2-4 mm <sup>2</sup>                                                     |  | 24-12 AWG          |  | 0,2-10 mm <sup>2</sup>                        |  | 24-8 AWG            |  |                          |  |            |  |
|                                            |  | Flexible                                                                  |  |                       |  | 0,22-2,5 mm <sup>2</sup>                                                  |  | 24-12 AWG          |  | 0,22-6 mm <sup>2</sup>                        |  | 24-8 AWG            |  |                          |  |            |  |
| Short circuit current                      |  | 300 A/1s                                                                  |  |                       |  | 480A/1s                                                                   |  |                    |  | 720A/1s                                       |  |                     |  |                          |  |            |  |
| Rated wire size / Gauge                    |  | 2,5 mm <sup>2</sup> / A3                                                  |  |                       |  | 4 mm <sup>2</sup> /A4                                                     |  | 12 AWG             |  | 6 mm <sup>2</sup> /A5                         |  | 8 AWG               |  |                          |  |            |  |
| <b>Other characteristics</b>               |  | Wire stripping length                                                     |  | Recomm. screwdriver   |  | Recomm. torque                                                            |  | Protection         |  | Wire stripping length                         |  | Recomm. screwdriver |  | Recomm. torque           |  | Protection |  |
|                                            |  | 10 mm .39"                                                                |  | 3,5 mm .14"           |  | 0,4-0,6 Nm 3,5-5,3 lb.in                                                  |  |                    |  | 9,5 mm .37"                                   |  | 4 mm .16"           |  | 0,5-0,8 Nm 4,4-7,1 lb.in |  |            |  |
| Approvals                                  |  |                                                                           |  | CE                    |  |                                                                           |  | CE                 |  |                                               |  | CE                  |  |                          |  |            |  |
| <b>Accessories</b>                         |  | Type                                                                      |  | Part number           |  | Type                                                                      |  | Part number        |  | Type                                          |  | Part number         |  |                          |  |            |  |
| 1 End section yellow                       |  | FEM6 th. 2.8 mm                                                           |  | 1SNA 103 062 R2100    |  | FEM6 th. 2.8 mm                                                           |  | 1SNA 103 062 R2100 |  | FEM6 th. 2.8 mm                               |  | 1SNA 103 062 R2100  |  |                          |  |            |  |
|                                            |  | FEM6 V0 th. 2.8 mm                                                        |  | 1SNA 199 305 R0200    |  | FEM6 V0 th. 2.8 mm                                                        |  | 1SNA 199 305 R0200 |  | FEM6 V0 th. 2.8 mm                            |  | 1SNA 199 305 R0200  |  |                          |  |            |  |
| 2 Separator end section grey               |  | SCF6 th. 3.0 mm                                                           |  | 1SNA 118 707 R0300    |  | SCF6 th. 3 mm                                                             |  | 1SNA 118 707 R0300 |  | SCF6 th. 3 mm                                 |  | 1SNA 118 707 R0300  |  |                          |  |            |  |
| On rail : Recomm.screwdriver/Recomm.torque |  |                                                                           |  |                       |  | 4 mm .16" / 0,8 Nm 7.0 lb.in                                              |  |                    |  | 4 mm .16" / 0,8 Nm 7.0 lb.in                  |  |                     |  |                          |  |            |  |
| R See markers marking method               |  | RC55 - RC510 on the side,                                                 |  | RC510 only on the top |  | RC65 - RC610                                                              |  | RCT610 - RTM7      |  | RC810                                         |  | RCT610 - RTM7       |  |                          |  |            |  |

# Terminal blocks screwed on the mounting rail : instructions

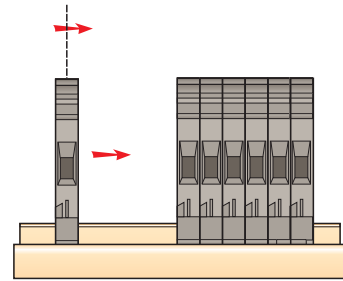


1. Position the block on the mounting rail



2. Screw down the center of the block to tighten the movable foot on the rail

Screwed blocks can slide on the rail.



## Ground terminal blocks electrically connected to the mounting rail

### Screw clamp

DIN 1 - 3



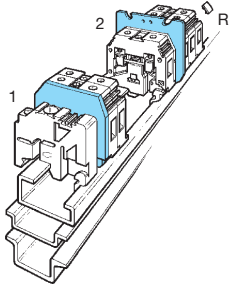
refer to the section "Special Applications" for part numbers and characteristics.

|                                            |                       | MA 2,5/5.P<br>Spacing 5 mm + 0,08 (.200")                             |                               |                             |                              | M 4/6.P<br>Spacing 6 mm + 0,05 (.238")                             |                            |                              |              | M 4/6.3A.P<br>Spacing 6 mm + 0,05 (.238")                             |                                  |                             |            |
|--------------------------------------------|-----------------------|-----------------------------------------------------------------------|-------------------------------|-----------------------------|------------------------------|--------------------------------------------------------------------|----------------------------|------------------------------|--------------|-----------------------------------------------------------------------|----------------------------------|-----------------------------|------------|
|                                            |                       |                                                                       |                               |                             |                              |                                                                    |                            |                              |              |                                                                       |                                  |                             |            |
|                                            |                       | Type                                                                  | Part number                   |                             |                              | Type                                                               | Part number                |                              |              | Type                                                                  | Part number                      |                             |            |
|                                            |                       | Green-yellow                                                          | MA 2,5/5.P 1SNA 165 488 R2700 |                             |                              | Green-yellow                                                       | M 4/6.P 1SNA 165 113 R1600 |                              |              | Green-yellow                                                          | M 4/6.3A.P.V0 1SNA 195 637 R1200 |                             |            |
|                                            |                       | Terminal block for ground wire, same size as MA 2,5/5 terminal block. |                               |                             |                              | Terminal block for ground wire, same size as M 4/6 terminal block. |                            |                              |              | Terminal block for ground wire, same size as M 4/6.3A terminal block. |                                  |                             |            |
| Characteristics                            |                       | IEC                                                                   | UL                            | CSA                         | IEC                          | UL                                                                 | CSA                        | IEC                          | UL           | CSA                                                                   |                                  |                             |            |
| Wire size                                  | Screw clamp           | Rigid                                                                 | 0,2-4 mm <sup>2</sup>         | 22-12 AWG                   | 22-12 AWG                    | 0,2-4 mm <sup>2</sup>                                              | 22-12 AWG                  | 24-12 AWG                    | 22-10 AWG    | 12 AWG max.                                                           |                                  |                             |            |
|                                            | Flexible              | 0,22-2,5 mm <sup>2</sup>                                              | 22-12 AWG                     | 22-12 AWG                   | 0,22-4 mm <sup>2</sup>       | 22-12 AWG                                                          | 24-12 AWG                  | 0,22-4 mm <sup>2</sup>       | 22-10 AWG    | 12 AWG max.                                                           |                                  |                             |            |
| Short circuit current                      |                       | 300A/1s                                                               |                               |                             | 480A/1s                      |                                                                    |                            | 480A/1s                      |              |                                                                       |                                  |                             |            |
| Rated wire size / Gauge                    |                       | 2,5 mm <sup>2</sup> /A3                                               |                               | 12 AWG                      | 12 AWG                       | 4 mm <sup>2</sup> /A4                                              |                            | 10 AWG                       | 10 AWG       | 4 mm <sup>2</sup> /A4                                                 |                                  | 10 AWG                      | 12 AWG     |
| Other characteristics                      |                       | Wire stripping length                                                 | Recomm. screwdriver           | Recomm. torque              | Protection                   | Wire stripping length                                              | Recomm. screwdriver        | Recomm. torque               | Protection   | Wire stripping length                                                 | Recomm. screwdriver              | Recomm. torque              | Protection |
|                                            |                       | 10 mm .39"                                                            | 3,5 mm .14"                   | 0,4-0,6 Nm<br>3,5-5,3 lb.in |                              | 9,5 mm .37"                                                        | 4 mm .16"                  | 0,5-0,8 Nm<br>4,4-7,1 lb.in  |              | 9,5 mm .37"                                                           | 4 mm .16"                        | 0,5-0,8 Nm<br>4,4-7,1 lb.in |            |
| Approvals                                  |                       |                                                                       |                               |                             |                              |                                                                    |                            |                              |              |                                                                       |                                  |                             |            |
| Accessories                                |                       | Type                                                                  | Part number                   |                             |                              | Type                                                               | Part number                |                              |              | Type                                                                  | Part number                      |                             |            |
| 1                                          | End section           | yellow yellow                                                         | FEM6                          | th.2,8 mm                   | 1SNA 103 062 R2100           | FEM6                                                               | th. 2,8 mm                 | 1SNA 103 062 R2100           | FEM3AP       | green th.3 mm                                                         | 1SNA 199 876 R2600               |                             |            |
| 2                                          | Separator end section | grey                                                                  | SCF6                          | th.3 mm                     | 1SNA 118 707 R0300           | SCF6                                                               | th. 3 mm                   | 1SNA 118 707 R0300           |              |                                                                       |                                  |                             |            |
| On rail : Recomm.screwdriver/Recomm.torque |                       | 3,5 mm .14" / 0,6 Nm 5.5 lb.in                                        |                               |                             | 4 mm .16" / 0,8 Nm 7.0 lb.in |                                                                    |                            | 4 mm .16" / 0,8 Nm 7.0 lb.in |              |                                                                       |                                  |                             |            |
| R                                          | See markers           | marking method                                                        | RC55 - RC510                  | RCT610                      |                              | RC65 - RC610                                                       | RCT610                     |                              | RC65 - RC610 | RCT610                                                                |                                  |                             |            |

### Ground terminal blocks electrically connected to the mounting rail

#### Screw clamp

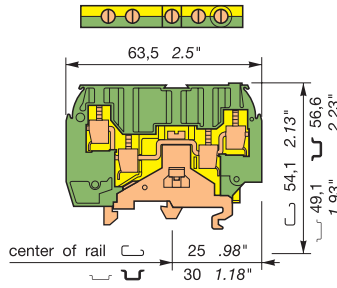
DIN 1 - 3



refer to the section "Special Applications" for part numbers and characteristics.

### M 4/6.4A.P

Spacing 6 mm + 0,05 (.238")



Type Part number

Green-yellow **M 4/6.4A.P.V0** 1SNA 195 638 R2300

Terminal block for ground wire, same size as M 4/6.4A terminal block.

| IEC                              | UL        | CSA         |
|----------------------------------|-----------|-------------|
| NFC-DIN<br>0,2-4 mm <sup>2</sup> | 22-10 AWG | 12 AWG max. |
| 0,22-4 mm <sup>2</sup>           | 22-10 AWG | 12 AWG max. |

Short circuit current 480A/1s

Rated wire size / Gauge 4 mm<sup>2</sup>/A4 10 AWG 12 AWG

| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection |
|-----------------------|---------------------|--------------------------|------------|
| 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in |            |

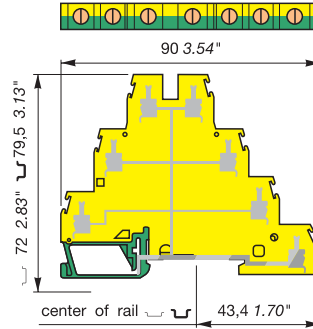
Approvals CE

Accessories Type Part number

|                                            |                                    |
|--------------------------------------------|------------------------------------|
| 1 End section green yellow grey            | FEM4AP th. 3 mm 1SNA 199 879 R0100 |
| 2 Separator end section grey               |                                    |
| On rail : Recomm.screwdriver/Recomm.torque | 4 mm .16" / 0,8 Nm 7.0 lb.in       |
| R See markers marking method               | RC65 - RC610 RCT610                |

### D 4/6.P.T1

Spacing 6 mm + 0,05 (.238")



Type Part number

Green-yellow **D 4/6.P.T1** 1SNA 199 220 R0000

Terminal block for ground wire, same size as D 4/6.T... terminal block.

| IEC                              | UL        | CSA       |
|----------------------------------|-----------|-----------|
| NFC-DIN<br>0,2-4 mm <sup>2</sup> | 24-10 AWG | 24-10 AWG |
| 0,22-4 mm <sup>2</sup>           | 24-10 AWG | 24-10 AWG |

Short circuit current 480A/1s

Rated wire size / Gauge 4 mm<sup>2</sup>/A4 10 AWG 10 AWG

| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection   |
|-----------------------|---------------------|--------------------------|--------------|
| 9,5 mm .37"           | 4 mm .16"           | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 |

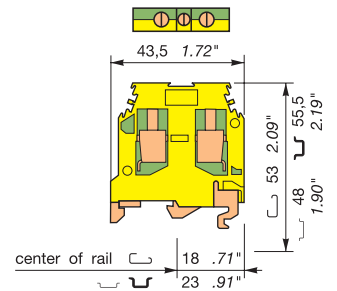
Approvals CE

Accessories Type Part number

|              |  |
|--------------|--|
| closed block |  |
|              |  |
|              |  |
|              |  |

### M 6/8.P

Spacing 8 mm - 0,05 (.315")



Type Part number

Green-yellow **M 6/8.P** 1SNA 165 114 R1700

Terminal block for ground wire, same size as M 6/8 terminal block.

| IEC                               | UL       | CSA      |
|-----------------------------------|----------|----------|
| NFC-DIN<br>0,5-10 mm <sup>2</sup> | 22-8 AWG | 24-8 AWG |
| 0,5-6 mm <sup>2</sup>             | 22-8 AWG | 24-8 AWG |

Short circuit current 720A/1s

Rated wire size / Gauge 6 mm<sup>2</sup>/A5 8 AWG 8 AWG

| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
|-----------------------|---------------------|------------------------|------------|
| 12 mm .47"            | 4-5 mm .16" - .20"  | 0,8-1 Nm 7.1-8.9 lb.in |            |

Approvals CE

Accessories Type Part number

|                                    |                              |
|------------------------------------|------------------------------|
| FEM6 th. 2,8 mm 1SNA 103 062 R2100 |                              |
| SCF6 th. 3 mm 1SNA 118 707 R0300   |                              |
|                                    | 4 mm .16" / 0,8 Nm 7.0 lb.in |
|                                    | RC65 - RC610 RCT610          |

### Ground terminal blocks electrically connected to the mounting rail

#### Screw clamp

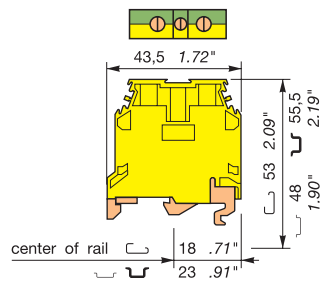
DIN 1 - 3



refer to the section "Special Applications" for part numbers and characteristics.

### M 10/10.P

Spacing 10 mm - 0,05 (.394")



Type Part number

Green-yellow **M 10/10.P** 1SNA 165 115 R1000

Terminal block for ground wire, same size as M 10/10 terminal block.

| IEC                               | UL       | CSA      |
|-----------------------------------|----------|----------|
| NFC-DIN<br>0,5-16 mm <sup>2</sup> | 20-6 AWG | 18-6 AWG |
| 0,5-10 mm <sup>2</sup>            | 20-6 AWG | 18-6 AWG |

Short circuit current 1200A/1s

Rated wire size / Gauge 10 mm<sup>2</sup>/B6 6 AWG 6 AWG

| Wire stripping length | Recomm. screwdriver  | Recomm. torque             | Protection |
|-----------------------|----------------------|----------------------------|------------|
| 12 mm .47"            | 5,5-6 mm .22" - .24" | 1,2-1,4 Nm 10.6-12.4 lb.in |            |

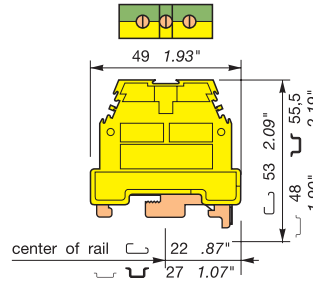
Approvals CE

Accessories Type Part number

|                                            |                                   |
|--------------------------------------------|-----------------------------------|
| 1 End section                              | closed block                      |
| 2 Separator end section grey               | SCFM6 th. 3 mm 1SNA 114 825 R0500 |
| On rail : Recomm.screwdriver/Recomm.torque | 4 mm .16" / 0,8 Nm 7.0 lb.in      |
| R See markers marking method               | RCT810 RC810 RC1010               |

### M 16/12.P

Spacing 12 mm - 0.1 (.473")



Type Part number

Green-yellow **M 16/12.P** 1SNA 165 130 R2300

Terminal block for ground wire, same size as M 16/12 terminal block.

| IEC                             | UL       | CSA      |
|---------------------------------|----------|----------|
| NFC-DIN<br>4-25 mm <sup>2</sup> | 14-4 AWG | 10-6 AWG |
| 4-16 mm <sup>2</sup>            | 14-4 AWG | 10-6 AWG |

Short circuit current 1920A/1s

Rated wire size / Gauge 16 mm<sup>2</sup>/B7 4 AWG 6 AWG

| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection |
|-----------------------|---------------------|----------------------------|------------|
| 14 mm .55"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.4 lb.in |            |

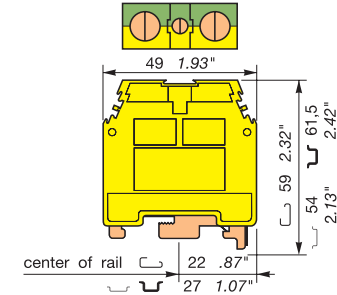
Approvals CE

Accessories Type Part number

|              |  |
|--------------|--|
| closed block |  |
|              |  |
|              |  |
|              |  |

### M 35/16.P

Spacing 16 mm - 0.1 (.630")



Type Part number

Green-yellow **M 35/16.P** 1SNA 165 111 R1400

Terminal block for ground wire, same size as M 35/16 terminal block.

| IEC                             | UL      | CSA     |
|---------------------------------|---------|---------|
| NFC-DIN<br>4-50 mm <sup>2</sup> | 8-0 AWG | 6-4 AWG |
| 4-35 mm <sup>2</sup>            | 8-0 AWG | 6-4 AWG |

Short circuit current 4200A/1s

Rated wire size / Gauge 35 mm<sup>2</sup>/B9 0 AWG 4 AWG

| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection |
|-----------------------|---------------------|--------------------------|------------|
| 17 mm .67"            | 8 mm .32"           | 2,8-3 Nm 24.9-26.7 lb.in |            |

Approvals CE

Accessories Type Part number

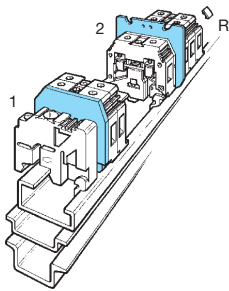
|              |  |
|--------------|--|
| closed block |  |
|              |  |
|              |  |
|              |  |



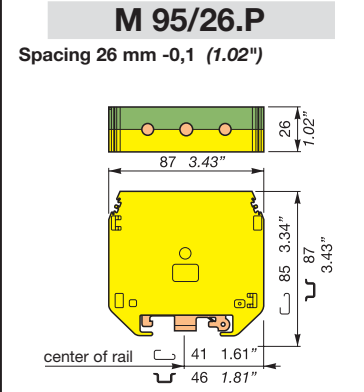
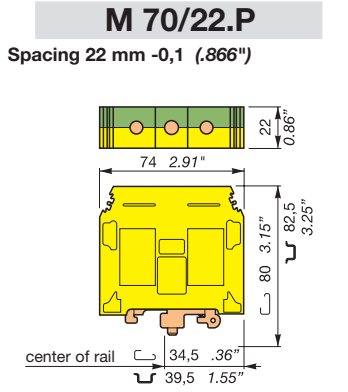
**Ground terminal blocks electrically connected to the mounting rail**

**Screw clamp**

DIN 1 - 3 (37,5x15)



refer to the section "Special Applications" for part numbers and characteristics.



| Type         | Part number                         |
|--------------|-------------------------------------|
| Green-Yellow | <b>M 70/22.P</b> 1SNA 399 024 R2300 |

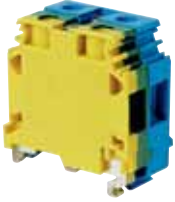
| Type         | Part number                         |
|--------------|-------------------------------------|
| Green-Yellow | <b>M 95/26.P</b> 1SNA 399 176 R0000 |

| Characteristics         |                            | IEC                      |                      | UL/CSA             |            | IEC                     |                      | UL                     |            | CSA      |  |
|-------------------------|----------------------------|--------------------------|----------------------|--------------------|------------|-------------------------|----------------------|------------------------|------------|----------|--|
|                         |                            | NFC                      | DIN                  |                    |            | NFC-DIN                 |                      |                        |            |          |  |
| Wire size               | Screw clamp                | 16-95 mm <sup>2</sup>    |                      | 6-000 AWG          |            | 35-120 mm <sup>2</sup>  |                      | 0000 AWG               |            | 0000 AWG |  |
|                         | Rigid                      | 16-70 mm <sup>2</sup>    |                      | 6-000 AWG          |            | 35-95 mm <sup>2</sup>   |                      |                        |            |          |  |
|                         |                            | 8400 A / 1s.             |                      | 6600 A / 1s.       |            | 11400A/1s               |                      |                        |            |          |  |
| Short circuit current   |                            | 8400 A / 1s.             |                      | 6600 A / 1s.       |            | 11400A/1s               |                      |                        |            |          |  |
| Rated wire size / Gauge |                            | 70 mm <sup>2</sup> / A11 |                      | 000 AWG            |            | 95 mm <sup>2</sup> /B12 |                      | 0000 AWG               |            | 0000 AWG |  |
| Other characteristics   |                            | Wire stripping length    | Recomm. screwdriver  | Recomm. torque     | Protection | Wire stripping length   | Recomm. screwdriver  | Recomm. torque         | Protection |          |  |
|                         |                            | 25 mm .98"               | 6 mm .236" Allen Key | 6-7 Nm 52-61 lb.in | IP 20      | 26 mm 1.02"             | 6 mm .236" Allen Key | 8,5-9,5 Nm 74-83 lb.in | IP 20      |          |  |
| Approvals               |                            |                          |                      |                    |            |                         |                      |                        |            |          |  |
| Accessories             |                            | Type                     | Part number          |                    |            | Type                    | Part number          |                        |            |          |  |
| 1                       | End section yellow         |                          | closed block         |                    |            |                         | closed block         |                        |            |          |  |
| 2                       | Separator end section grey |                          |                      |                    |            |                         |                      |                        |            |          |  |
| R                       | See markers marking method | RC1010                   |                      |                    |            | RC1010                  |                      |                        |            |          |  |

**Ground + neutral terminal blocks**  
**Ground connected to the mounting rail and linked with a neutral block**

**Screw clamp**

DIN 1-3



|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

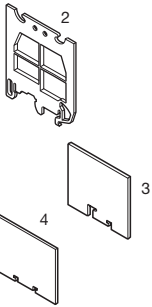
Other end stops, rails and accessories : see section on accessories.

**Notes**

For ground blocks, connection with mounting rail :

|              | Recomm. screwdriver | Recomm. torque      |
|--------------|---------------------|---------------------|
| M 10/10.PE.N | 4 mm<br>.16"        | 0,8 Nm<br>7.1 lb.in |
| M 16/12.PE.N | 5,5 mm<br>.22"      | 1 Nm<br>8.8 lb.in   |

**Accessories**



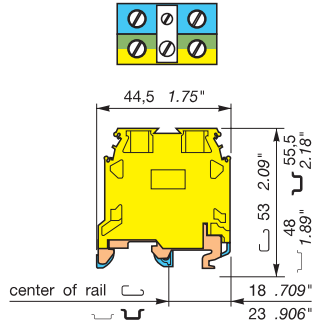
- 1 End section
- 2 Separator end section grey
- 3 Separator end section grey
- 4 Separator end section grey



**R** See section on markers marking method

**M 10/10.PE.N**

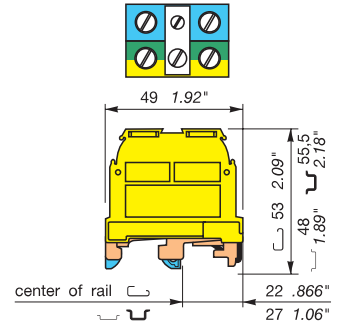
Spacing 20 mm - 0,2 (.787")



M 10/10.P block connected to M 10/10.N block through a removable jumper.

**M 16/12.PE.N**

Spacing 24 mm - 0,2 (.984")



M 16/12.P block connected to M 16/12.N block through a removable jumper.

| Colour                 | Type         | Part numbers       |
|------------------------|--------------|--------------------|
| Green-yellow/blue body | M 10/10.PE.N | 1SNA 165 683 R2200 |

| Colour                 | Type         | Part numbers       |
|------------------------|--------------|--------------------|
| Green-yellow/blue body | M 16/12.PE.N | 1SNA 165 680 R0300 |

| Characteristics |          |                           |    |     |
|-----------------|----------|---------------------------|----|-----|
| Wire size       | IEC      |                           | UL | CSA |
|                 | NFC      | DIN                       |    |     |
| Screw clamp     | Rigid    | 0,5 to 16 mm <sup>2</sup> |    |     |
|                 | Flexible | 0,5 to 10 mm <sup>2</sup> |    |     |

| Voltage           |      |
|-------------------|------|
| Rated             | 630V |
| Impulse withstand | 8 kV |
| Pollution degree  | 3    |

| Current       |           |
|---------------|-----------|
| Rated         | 57 A      |
| Short-circuit | 1200 A/1s |

| Wire size          |                        |                               |            |
|--------------------|------------------------|-------------------------------|------------|
| Rated / Gauge      | 10 mm <sup>2</sup> /B6 |                               |            |
| Wire strip. length | Recomm. screwdriver    | Recomm. torque                | Protection |
| 12 mm<br>.47"      | 5,5 mm<br>.22"         | 1,2-1,4 Nm<br>10.6-12.3 lb.in |            |

| Type                  | Part numbers |                    |  |
|-----------------------|--------------|--------------------|--|
| Closed terminal block |              |                    |  |
| SCFM6 (1)             | th. 3,0 mm   | 1SNA 114 825 R0500 |  |
| SCFEX1 (1)            | th. 2,4 mm   | 1SNA 103 619 R0400 |  |
| SCFEX3 (1)            | th. 2,4 mm   | 1SNA 103 620 R0100 |  |

| Type                  | Part numbers |                    |  |
|-----------------------|--------------|--------------------|--|
| Closed terminal block |              |                    |  |
| SCFM6 (1)             | th. 3,0 mm   | 1SNA 114 825 R0500 |  |
| SCFEX1 (1)            | th. 2,4 mm   | 1SNA 103 619 R0400 |  |
| SCFEX3 (1)            | th. 2,4 mm   | 1SNA 103 620 R0100 |  |

RC65 - RC610 RCT810 RC810 RC1010 Note : (1) End sections and separators snapped on rails.

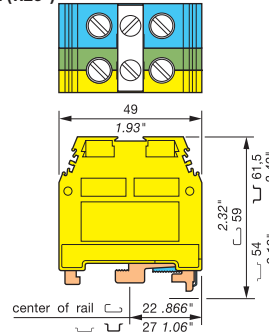
## Ground terminal blocks electrically connected to the mounting rail and linked with a neutral block

### Screw clamp

DIN 1 - 3

## M 35/16.PE.N

Spacing 32 mm - 0,2 (1.26")



M 35/16.P block connected to M 35/16.N block through a removable jumper.



| Colour | Type | Part numbers | Colour | Type | Part numbers |
|--------|------|--------------|--------|------|--------------|
|--------|------|--------------|--------|------|--------------|

|                        |              |       |  |  |  |
|------------------------|--------------|-------|--|--|--|
| Green-yellow/blue body |              |       |  |  |  |
| M 35/16.PE.N           | 1SNA 165 575 | R2500 |  |  |  |

### Characteristics

| Wire size   |          | IEC                  |     | UL | CSA |
|-------------|----------|----------------------|-----|----|-----|
|             |          | NFC                  | DIN |    |     |
| Screw clamp | Rigid    | 4-50 mm <sup>2</sup> |     |    |     |
|             | Flexible | 4-35 mm <sup>2</sup> |     |    |     |

### Characteristics

| Wire size   |          | IEC |     | UL | CSA |
|-------------|----------|-----|-----|----|-----|
|             |          | NFC | DIN |    |     |
| Screw clamp | Rigid    |     |     |    |     |
|             | Flexible |     |     |    |     |

|          |  |               |         |    |              |       |
|----------|--|---------------|---------|----|--------------|-------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 | R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 | R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 | R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 | R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 | R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 | R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 | R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

For ground blocks, connection with mounting rail :

| Recomm. screwdriver | Recomm. torque |
|---------------------|----------------|
| 5,5 mm              | 1 Nm           |
| .22"                | 8.8 lb.in      |

### Voltage

|                   |      |  |  |
|-------------------|------|--|--|
| Rated             | 800V |  |  |
| Impulse withstand | 8 kV |  |  |
| Pollution degree  |      |  |  |

### Voltage

|                   |  |  |  |
|-------------------|--|--|--|
| Rated             |  |  |  |
| Impulse withstand |  |  |  |
| Pollution degree  |  |  |  |

### Current

|               |           |  |  |
|---------------|-----------|--|--|
| Rated         | 125 A     |  |  |
| Short-circuit | 4200 A/1s |  |  |

### Current

|               |  |  |  |
|---------------|--|--|--|
| Rated         |  |  |  |
| Short-circuit |  |  |  |

### Wire size

| Rated / Gauge      | 35 mm <sup>2</sup> /B9 |                 |            |  |
|--------------------|------------------------|-----------------|------------|--|
| Wire strip. length | Recomm. screwdriver    | Recomm. torque  | Protection |  |
| 17 mm              | 7 mm                   | 2,8-3 Nm        |            |  |
| .67"               | .32"                   | 24.6-26.1 lb.in |            |  |

### Wire size

| Rated / Gauge      |                     |                |            |  |
|--------------------|---------------------|----------------|------------|--|
| Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection |  |
|                    |                     |                |            |  |
|                    |                     |                |            |  |

### Accessories

1 End section

| Type | Part numbers | Type | Part numbers |
|------|--------------|------|--------------|
|------|--------------|------|--------------|

Closed terminal block



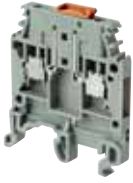
R See section on marking marking method

RCT810 RTM9 RC810 RC1010

# Heavy duty switch terminal blocks with blade

## Screw clamp

DIN 1 - DIN 3



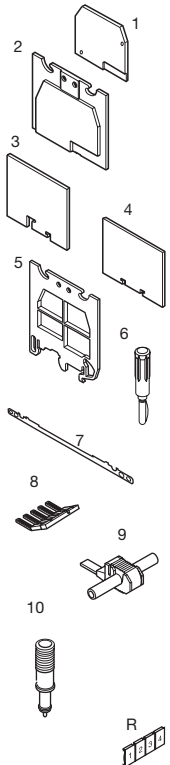
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

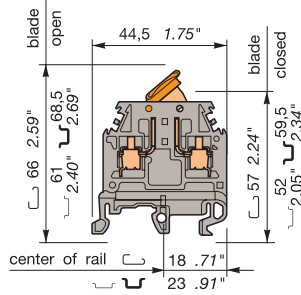
### Accessories



|    |                                       |                        |            |               |                               |
|----|---------------------------------------|------------------------|------------|---------------|-------------------------------|
| 1  | End section                           | grey<br>blue<br>orange | FEM6       | th. 2,8 mm    | 1SNA 118 368 R1600            |
| 2  | Separator end section (block)         | grey<br>blue<br>beige  | SCF6       | th. 3,0 mm    | 1SNA 118 707 R0300            |
| 3  | Separator end section (rail)          | grey                   | SCF6 V0    | V0            | th. 3,0 mm 1SNA 128 707 R0500 |
| 4  | Separator end section                 | grey                   | SCF6 V0    | V0            | th. 3,0 mm 1SNA 198 707 R0400 |
| 5  | Separator end section                 | grey                   | SCFM6      | th. 3,0 mm    | 1SNA 114 825 R0500            |
| 6  | Test plug                             |                        | SCFEX1 (1) |               | th. 2,4 mm 1SNA 103 619 R0400 |
| 7  | Shield connector                      |                        | SCFEX3 (1) |               | th. 2,4 mm 1SNA 103 620 R0100 |
| 8  | Comb type jumper bar                  |                        | CBM5       | th. 0,5 mm    | 1SNA 178 745 R1400            |
|    |                                       |                        | CBM8       | th. 0,8 mm    | 1SNA 178 746 R1500            |
|    |                                       |                        | PC5        | 30 A 2 poles  | 1SNA 113 542 R1000            |
|    |                                       |                        | PC5        | 30 A 10 poles | 1SNA 113 544 R1200            |
| 9  | IDC jumper                            |                        |            |               |                               |
| 10 | Test device                           |                        |            |               |                               |
| R  | See section on markers marking method |                        |            |               |                               |

## MA 2,5/5.SNB

Spacing 5 mm (.197")



5 mm block - Switch connection by blade

|                 |              |                     |
|-----------------|--------------|---------------------|
|                 |              |                     |
| <b>Colour</b>   | <b>Type</b>  | <b>Part numbers</b> |
| Grey / Orange   | MA 2,5/5.SNB | 1SNA 115 699 R2000  |
| Orange / Orange | MA 2,5/5.SNB | 1SNA 400 318 R1400  |
| Blue / Orange   | MA 2,5/5.SNB | 1SNA 400 317 R0300  |

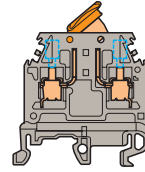
### Characteristics

| Wire size   |          | IEC                     | UL        | CSA       |
|-------------|----------|-------------------------|-----------|-----------|
|             |          | NFC DIN                 |           | NRTL/C    |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup>   | 22-12 AWG | 22-12 AWG |
|             | Flexible | 0,5-2,5 mm <sup>2</sup> | 22-12 AWG | 22-12 AWG |

| Voltage               |                     | 320 V                       | 150 V           | 150 V  |
|-----------------------|---------------------|-----------------------------|-----------------|--------|
| Rated                 |                     |                             |                 |        |
| Impulse withstand     |                     | 4 kV                        |                 |        |
| Pollution degree      |                     | 3                           |                 |        |
| Current               |                     | 10 A                        | 10 A            | 10 A   |
| Rated                 |                     |                             |                 |        |
| Wire size             |                     | 2,5 mm <sup>2</sup> / A3    | 12 AWG          | 12 AWG |
| Rated / Gauge         |                     |                             |                 |        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque              | Protection      |        |
| 10 mm<br>.39"         | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 |        |

## MA 2,5/5.SNBT

Spacing 5 mm (.197")



5 mm block - Switch connection by blade - Equipped with two test sockets DIA. 2 mm / .079" or 2.3 mm / .091"

|                                   |               |                     |
|-----------------------------------|---------------|---------------------|
|                                   |               |                     |
| <b>Colour</b>                     | <b>Type</b>   | <b>Part numbers</b> |
| Grey / Orange DIA. 2 mm / .079"   | MA 2,5/5.SNBT | 1SNA 115 700 R0500  |
| Grey / Orange DIA. 2,3 mm / .091" | MA 2,5/5.SNBT | 1SNA 115 701 R2200  |
| Blue / Orange DIA. 2 mm / .079"   | MA 2,5/5.SNBT | 1SNA 400 320 R1200  |

### Characteristics

| Wire size   |          | IEC                     | UL        | CSA       |
|-------------|----------|-------------------------|-----------|-----------|
|             |          | NFC DIN                 |           | NRTL/C    |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup>   | 22-12 AWG | 22-12 AWG |
|             | Flexible | 0,5-2,5 mm <sup>2</sup> | 22-12 AWG | 22-12 AWG |

| Voltage               |                     | 320 V                       | 150 V           | 150 V  |
|-----------------------|---------------------|-----------------------------|-----------------|--------|
| Rated                 |                     |                             |                 |        |
| Impulse withstand     |                     | 4 kV                        |                 |        |
| Pollution degree      |                     | 3                           |                 |        |
| Current               |                     | 10 A                        | 10 A            | 10 A   |
| Rated                 |                     |                             |                 |        |
| Wire size             |                     | 2,5 mm <sup>2</sup> / A3    | 12 AWG          | 12 AWG |
| Rated / Gauge         |                     |                             |                 |        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque              | Protection      |        |
| 10 mm<br>.39"         | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 |        |

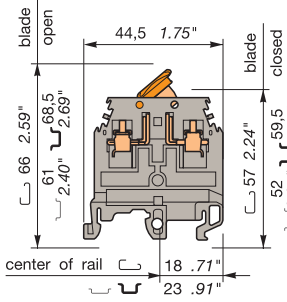
|             |                                  |
|-------------|----------------------------------|
| <b>Type</b> | <b>Part numbers</b>              |
| FEM6        | th. 2,8 mm 1SNA 118 368 R1600    |
| SCF6        | th. 3,0 mm 1SNA 118 707 R0300    |
| SCF6        | th. 3,0 mm 1SNA 128 707 R0500    |
| SCF6 V0     | V0 th. 3,0 mm 1SNA 198 707 R0400 |
| SCFM6       | th. 3,0 mm 1SNA 114 825 R0500    |
| SCFEX1 (1)  | th. 2,4 mm 1SNA 103 619 R0400    |
| SCFEX3 (1)  | th. 2,4 mm 1SNA 103 620 R0100    |
| CBM5        | th. 0,5 mm 1SNA 178 745 R1400    |
| CBM8        | th. 0,8 mm 1SNA 178 746 R1500    |
| PC5         | 30 A 2 poles 1SNA 113 542 R1000  |
| PC5         | 30 A 10 poles 1SNA 113 544 R1200 |

|             |                                  |
|-------------|----------------------------------|
| <b>Type</b> | <b>Part numbers</b>              |
| FEM6        | th. 2,8 mm 1SNA 118 368 R1600    |
| SCF6        | th. 3,0 mm 1SNA 118 707 R0300    |
| SCF6        | th. 3,0 mm 1SNA 128 707 R0500    |
| SCF6 V0     | V0 th. 3,0 mm 1SNA 198 707 R0400 |
| SCFM6       | th. 3,0 mm 1SNA 114 825 R0500    |
| SCFEX1 (1)  | th. 2,4 mm 1SNA 103 619 R0400    |
| SCFEX3 (1)  | th. 2,4 mm 1SNA 103 620 R0100    |
| FC2 (2)     | DIA. 2,0 mm 1SNA 007 865 R2600   |
| CBM5        | th. 0,5 mm 1SNA 178 745 R1400    |
| CBM8        | th. 0,8 mm 1SNA 178 746 R1500    |
| PC5         | 30 A 2 poles 1SNA 113 542 R1000  |
| PC5         | 30 A 10 poles 1SNA 113 544 R1200 |

Note : (1) End sections and separators snapped on rails.  
(2) Except for MA 2,5/5.SNBT with test sockets DIA. 2.3 mm / .091".

**M 4/6.SNB**

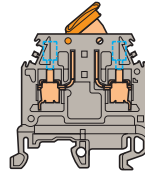
Spacing 6 mm + 0,05 (.238")



6 mm block - Switch connection by blade

**M 4/6.SNBT...**

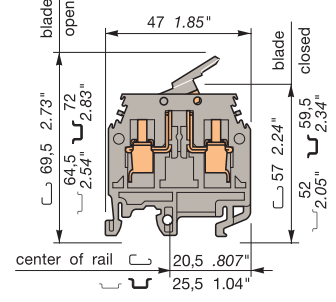
Spacing 6 mm + 0,05 (.238")



6 mm block - Switch connection by blade - Equipped with two test sockets DIA. 2 mm / .079" or 2,3 mm / .091"

**M 6/8.SNB**

Spacing 8 mm - 0,05 (.315")



8 mm block - switch connection by blade

| Colour          | Type      | Part numbers       |
|-----------------|-----------|--------------------|
| Grey/Orange     | M 4/6.SNB | 1SNA 115 986 R0000 |
| Blue / Orange   | M 4/6.SNB | 1SNA 125 686 R1500 |
| Orange / Orange | M 4/6.SNB | 1SNA 105 053 R2200 |
| Red / Orange    | M 4/6.SNB | 1SNA 107 250 R1200 |

| Colour                            | Type       | Part numbers       |
|-----------------------------------|------------|--------------------|
| Grey / Orange DIA. 2 mm / .079"   | M 4/6.SNBT | 1SNA 115 987 R0100 |
| Blue / Orange DIA. 2 mm / .079"   | M 4/6.SNBT | 1SNA 125 438 R1400 |
| Orange / Orange DIA. 2 mm / .079" | M 4/6.SNBT | 1SNA 105 054 R2300 |
| Grey / Orange DIA. 2,3 mm / .091" | M 4/6.SNBT | 1SNA 206 538 R0200 |

| Colour        | Type      | Part numbers       |
|---------------|-----------|--------------------|
| Grey / Grey   | M 6/8.SNB | 1SNA 115 688 R2500 |
| Orange/Orange | M 6/8.SNB | 1SNA 105 055 R2400 |

**Characteristics**

| Wire size |          | IEC                     | UL        | CSA       |
|-----------|----------|-------------------------|-----------|-----------|
|           |          | NFC                     | DIN       |           |
| Screw     | Rigid    | 0,5-4 mm <sup>2</sup>   | 22-10 AWG | 20-12 AWG |
| clamp     | Flexible | 0,5-2,5 mm <sup>2</sup> | 22-10 AWG | 20-12 AWG |

| Voltage           |  | 400 V | 300 V | 300 V |
|-------------------|--|-------|-------|-------|
| Rated             |  |       |       |       |
| Impulse withstand |  | 4 kV  |       |       |
| Pollution degree  |  | 3     |       |       |

| Current |  | 20 A | 10 A | 10 A |
|---------|--|------|------|------|
| Rated   |  |      |      |      |

| Wire size             |                     | 4 mm <sup>2</sup> / A4      |  | 10 AWG          | 12 AWG |
|-----------------------|---------------------|-----------------------------|--|-----------------|--------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque              |  | Protection      |        |
| 9,5 mm<br>.37"        | 4 mm<br>.16"        | 0,5-0,6 Nm<br>4,4-5,3 lb.in |  | IP 20<br>NEMA 1 |        |

| Type       | Part numbers  |                                                                |
|------------|---------------|----------------------------------------------------------------|
| FEM62      | th. 3 mm      | 1SNA 114 994 R0700                                             |
| FEM62      | th. 3 mm      | 1SNA 124 944 R0100                                             |
| FEM62      | th. 3 mm      | 1SNA 103 612 R2500                                             |
| SCFM6      | th. 3 mm      | 1SNA 114 825 R0500                                             |
| SCFEX1 (1) | th. 2,4 mm    | 1SNA 103 619 R0400                                             |
| SCFEX3 (1) | th. 2,4 mm    | 1SNA 103 620 R0100                                             |
| FC2        | DIA. 2 mm     | 1SNA 007 865 R2600                                             |
| CBM5       | th. 0,5 mm    | 1SNA 178 745 R1400                                             |
| CBM8       | th. 0,8 mm    | 1SNA 178 746 R1500                                             |
| PC61       | 35 A 10 poles | 1SNA 163 311 R2200<br>1SNA 114 205 R2000<br>1SNA 173 059 R0300 |
| AD2,5      |               |                                                                |
| DCJ        | yellow        |                                                                |

**Characteristics**

| Wire size |          | IEC                   | UL        | CSA |
|-----------|----------|-----------------------|-----------|-----|
|           |          | NFC                   | DIN       |     |
| Screw     | Rigid    | 0,5-4 mm <sup>2</sup> | 22-10 AWG |     |
| clamp     | Flexible | 0,5-4 mm <sup>2</sup> | 22-10 AWG |     |

| Voltage           |  | 400 V | 300 V |  |
|-------------------|--|-------|-------|--|
| Rated             |  |       |       |  |
| Impulse withstand |  | 4 kV  |       |  |
| Pollution degree  |  | 3     |       |  |

| Current |  | 20 A | 10 A |  |
|---------|--|------|------|--|
| Rated   |  |      |      |  |

| Wire size             |                     | 4 mm <sup>2</sup> / A4      |  | 10 AWG          |  |
|-----------------------|---------------------|-----------------------------|--|-----------------|--|
| Wire stripping length | Recomm. screwdriver | Recomm. torque              |  | Protection      |  |
| 9,5 mm<br>.374"       | 4 mm<br>.157"       | 0,5-0,6 Nm<br>4,4-5,3 lb.in |  | IP 20<br>NEMA 1 |  |

| Type       | Part numbers  |                                          |
|------------|---------------|------------------------------------------|
| FEM62      | th. 3 mm      | 1SNA 114 994 R0700                       |
| FEM62      | th. 3 mm      | 1SNA 124 944 R0100                       |
| FEM62      | th. 3 mm      | 1SNA 103 612 R2500                       |
| SCFM6      | th. 3 mm      | 1SNA 114 825 R0500                       |
| SCFEX1 (1) | th. 2,4 mm    | 1SNA 103 619 R0400                       |
| SCFEX3 (1) | th. 2,4 mm    | 1SNA 103 620 R0100                       |
| FC2 (2)    | DIA. 2 mm     | 1SNA 007 865 R2600                       |
| CBM5       | th. 0,5 mm    | 1SNA 178 745 R1400                       |
| CBM8       | th. 0,8 mm    | 1SNA 178 746 R1500                       |
| PC61       | 35 A 10 poles | 1SNA 163 311 R2200<br>1SNA 114 205 R2000 |
| AD2,5      |               |                                          |

**Characteristics**

| Wire size |          | IEC                    | UL        | CSA       |
|-----------|----------|------------------------|-----------|-----------|
|           |          | NFC                    | DIN       |           |
| Screw     | Rigid    | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 20-12 AWG |
| clamp     | Flexible | 0,5-6 mm <sup>2</sup>  | 22-10 AWG | 20-12 AWG |

| Voltage           |  | 400 V | 300 V | 300 V |
|-------------------|--|-------|-------|-------|
| Rated             |  |       |       |       |
| Impulse withstand |  | 4 kV  |       |       |
| Pollution degree  |  | 3     |       |       |

| Current |  | 15 A | 20 A | 10 A |
|---------|--|------|------|------|
| Rated   |  |      |      |      |

| Wire size             |                     | 6 mm <sup>2</sup> / A5    |  | 10 AWG          | 12 AWG |
|-----------------------|---------------------|---------------------------|--|-----------------|--------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque            |  | Protection      |        |
| 12 mm<br>.47"         | 4-5 mm<br>.16"-20"  | 0,8-1 Nm<br>7.1-8.9 lb.in |  | IP 20<br>NEMA 1 |        |

| Type       | Part numbers  |                    |
|------------|---------------|--------------------|
| FEM8       | th. 3 mm      | 1SNA 113 373 R2600 |
| FEM8       | th. 3 mm      | 1SNA 103 230 R0200 |
| SCFM6      | th. 3 mm      | 1SNA 114 825 R0500 |
| SCFEX1 (1) | th. 2,4 mm    | 1SNA 103 619 R0400 |
| SCFEX3 (1) | th. 2,4 mm    | 1SNA 103 620 R0100 |
| FC2        | DIA. 2 mm     | 1SNA 007 865 R2600 |
| PC8        | 50 A 2 poles  | 1SNA 116 538 R1700 |
| PC8        | 50 A 3 poles  | 1SNA 116 539 R1000 |
| PC8        | 50 A 4 poles  | 1SNA 116 540 R2500 |
| PC8        | 50 A 10 poles | 1SNA 163 313 R2400 |
| AD2,5      |               | 1SNA 114 205 R2000 |
| DCO        | orange        | 1SNA 173 060 R0000 |

RC65 - RC610 Sides of block

Note : (1) End sections and separators snapped on rails.  
(2) Except for M 4/6.SNBT with test sockets DIA. 2,3 mm / .091".

RC65 - RC610 Sides of block

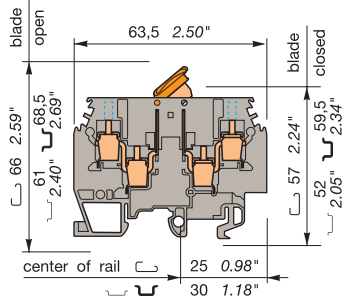
RC65 - RC610 - RC810 Sides of block

# Heavy duty switch terminal blocks with blade

Double Screw clamp  
DIN 1 - DIN 3

## M 4/6.SNBT.4A

Spacing 6 mm + 0,05 (.238")



6 mm block - switch connection by short blade equipped with 2 test socket screws DIA. 2 mm / .079"

| Colour        | Type          | Part numbers       |
|---------------|---------------|--------------------|
| Grey / Orange | M 4/6.SNBT.4A | 1SNA 105 143 R2100 |
| Blue / Orange | M 4/6.SNBT.4A | 1SNA 400 288 R1700 |

### Characteristics

| Wire size   |          | IEC                   | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             |          | NFC                   | DIN       |           |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup> | 22-10 AWG | 22-10 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> | 22-10 AWG | 22-10 AWG |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 320 V | 600 V | 600 V |
| Impulse withstand | 4 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 10 A | 10 A | 10 A |

| Wire size             |                        |                             |                 |
|-----------------------|------------------------|-----------------------------|-----------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                             |                 |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque              | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157 "         | 0,5-0,6 Nm<br>4.4-5.3 lb.in | IP 20<br>NEMA 1 |

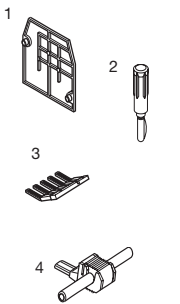
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|   |                      |               |
|---|----------------------|---------------|
| 1 | End section          | grey<br>beige |
| 2 | Test plug            |               |
| 3 | Comb type jumper bar | 35 A          |
| 4 | IDC jumper           |               |

| Type     | Part numbers                 |
|----------|------------------------------|
| FEM6.4A  | th. 3 mm 1SNA 116 629 R2200  |
| FEM4A V0 | th. 3 mm 1SNA 196 629 R2300  |
| FC2      | DIA. 2 mm 1SNA 007 865 R2600 |
| PC61     | 10 poles 1SNA 163 311 R2200  |
| AD2,5    | 1SNA 114 205 R2000           |

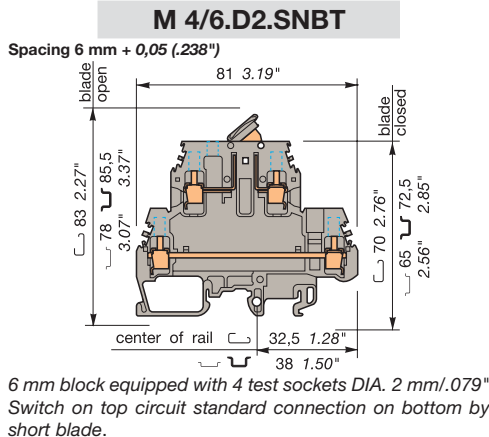


R See section on markers marking method

RC65 - RC610 Sides of block

# Heavy duty switch terminal blocks with blade Double deck Screw clamp

DIN 1 - DIN 3



| <b>UL</b> |                                        | <b>CE</b>          |
|-----------|----------------------------------------|--------------------|
| Colour    | Type                                   | Part numbers       |
| Grey      | <input type="checkbox"/> M 4/6.D2.SNBT | 1SNA 115 561 R1500 |

### Characteristics

| Wire size   |          | IEC                   | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             |          | NFC                   | DIN       |           |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup> | 24-12 AWG | 22-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> | 24-12 AWG | 22-12 AWG |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 400 V | 300 V | 300 V |
| Impulse withstand | 4 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 10 A | 15 A | 15 A |
|-------|------|------|------|

### Wire size

|                       |                                      |                                               |                               |
|-----------------------|--------------------------------------|-----------------------------------------------|-------------------------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4               | 12 AWG                                        | 12 AWG                        |
| Wire stripping length | Recomm. screwdriver<br>4 mm<br>.157" | Recomm. torque<br>0,5-0,6 Nm<br>4.4-5.3 lb.in | Protection<br>IP 20<br>NEMA 1 |

|          |  |               |               |    |                    |
|----------|--|---------------|---------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>   | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>   | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAMH</b>   |    | 1SNA 114 836 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b> |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>    |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>    |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b> |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

**Notes**  
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

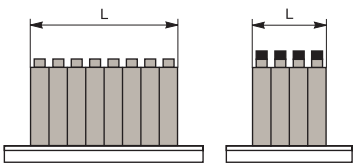
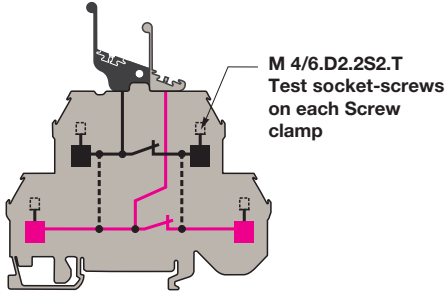
|  |                                                       |                 |           |                             |
|--|-------------------------------------------------------|-----------------|-----------|-----------------------------|
|  | <b>1</b> End section                                  | FEMS6D          | th. 1 mm  | 1SNA 116 591 R0500          |
|  | <b>2</b> Test plug                                    | FC2             | DIA. 2 mm | 1SNA 007 865 R2600          |
|  | <b>3</b> Assembled jumper bar (with IP 20 protection) | BJMI6D (1)(2)   | 32 A      | 2 poles 1SNA 179 668 R2000  |
|  | <b>4</b> Connector plate                              | EL6             | 35 A      | 1SNA 173 627 R2100          |
|  | <b>5</b> Jumper bar not assembled                     | BJS61 (1)(2)(3) | 32 A      | 10 poles 1SNA 168 485 R2700 |
|  | <b>6</b> Pivoting jumper bar                          | EV6D            |           | 1SNA 168 400 R1600          |
|  | <b>7</b> Comb type jumper bar                         | BJP61           | 35 A      | 1SNA 167 225 R2000          |
|  | <b>8</b> IDC jumper                                   | PC61            | 35 A      | 10 poles 1SNA 163 311 R2200 |
|  | <b>9</b> Shield connector                             | AD2,5           | 24 A      | 1SNA 114 205 R2000          |
|  | <b>R</b> See section on marking method                | CBD2S           |           | 1SNA 178 408 R1400          |

| Type            | Part numbers                     |
|-----------------|----------------------------------|
| FEMS6D          | th. 1 mm 1SNA 116 591 R0500      |
| FC2             | DIA. 2 mm 1SNA 007 865 R2600     |
| BJMI6D (1)(2)   | 32 A 2 poles 1SNA 179 668 R2000  |
| BJMI6D (1)(2)   | 32 A 3 poles 1SNA 179 669 R2100  |
| BJMI6D (1)(2)   | 32 A 4 poles 1SNA 179 670 R2600  |
| BJMI6D (1)(2)   | 32 A 5 poles 1SNA 179 671 R1300  |
| BJMI6D (1)(2)   | 32 A 10 poles 1SNA 179 672 R1400 |
| EL6             | 35 A 1SNA 173 627 R2100          |
| BJS61 (1)(2)(3) | 32 A 10 poles 1SNA 168 485 R2700 |
| EV6D            | 1SNA 168 400 R1600               |
| BJP61           | 35 A 1SNA 167 225 R2000          |
| PC61            | 35 A 10 poles 1SNA 163 311 R2200 |
| AD2,5           | 24 A 1SNA 114 205 R2000          |
| CBD2S           | 1SNA 178 408 R1400               |

RC65 - RC610 Sides of block  
Note : (1) Use of these accessories requires the user to cut out the partition. (2) For lower deck only. (3) For other pole numbers see section accessories.

# DOUBLE SWITCH TERMINAL BLOCKS WITH PULL LEVERS

**Double switch blocks**  
**M 4/6.D2.2S2**  
**M 4/6.D2.2S2.T**

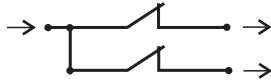


**Space saving**

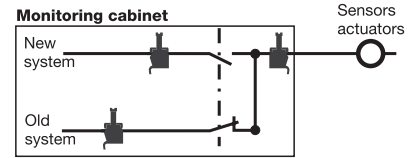
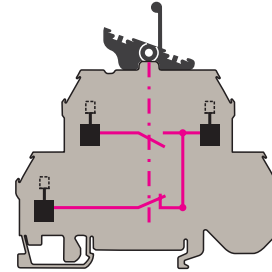
Recommended use when the number of PLC inputs and outputs are high

**2 independent switches**

Interconnection between decks is possible for distribution of polarities



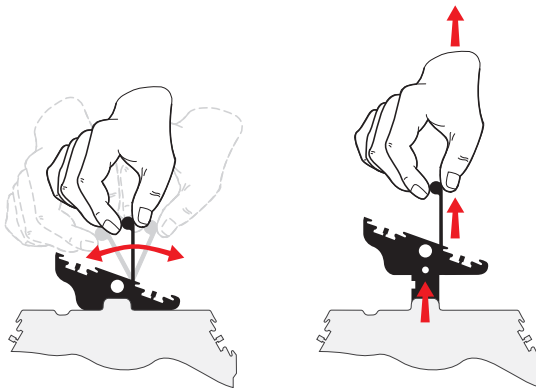
**Change-over type blocks**  
**M 4/6.D2.S1R**  
**M 4/6.D2.S1R.T**



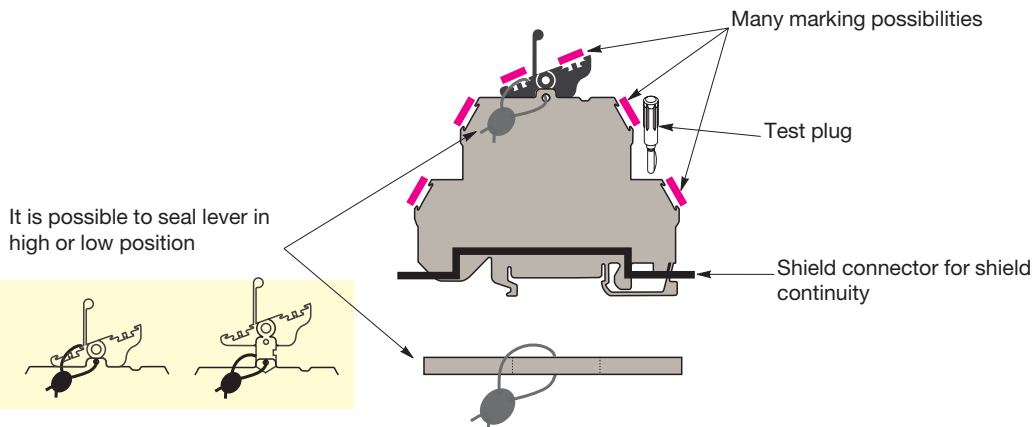
**Reduces process down time when changing of control system**

- When wiring the new system, sensors and actuators remain connected to the old system
- No wiring mistake possible from old to new system
- Simple switching from old to new system activating the pull levers. Possibility to quickly switch to the old system if there is a start-up problem.

Bend the upper part of the lever to pull it comfortably



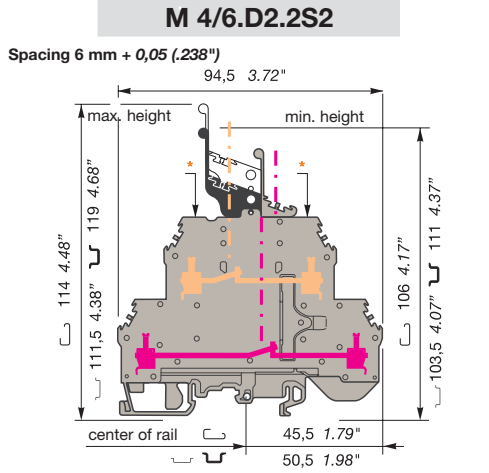
## Accessories



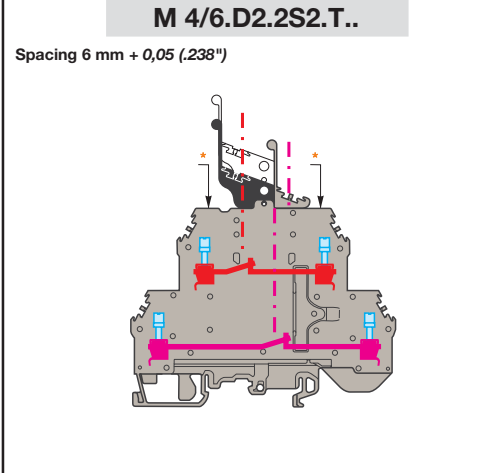


# Heavy duty switch terminal blocks with contact control pull levers. Double deck double switch Screw clamp

DIN 1 - DIN 3



Closed block with 2 independent switching circuits. Black pull lever controls upper deck contact (black marking\*). Grey pull lever controls lower deck contact.



M4/6.D2.2S2 block equipped with 4 test socket-screws DIA. 2 mm or DIA. 2,3 mm.

| Color                      | Type                | Part numbers       | Color                      | Type                    | Part numbers       |
|----------------------------|---------------------|--------------------|----------------------------|-------------------------|--------------------|
| Grey with black pull lever | <b>M 4/6.D2.2S2</b> | 1SNA 199 444 R2500 | Grey with black pull lever | <b>M 4/6.D2.2S2.T</b>   | 1SNA 199 448 R0100 |
|                            |                     |                    | Grey with black pull lever | <b>M 4/6.D2.2S2.T23</b> | 1SNA 199 447 R2000 |

### Characteristics

| Wire size            | IEC                   |     | UL/CSA    |
|----------------------|-----------------------|-----|-----------|
|                      | NFC                   | DIN |           |
| Screw clamp Rigid    | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |
| Screw clamp Flexible | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |

### Characteristics

| Wire size            | IEC                   |     | UL/CSA    |
|----------------------|-----------------------|-----|-----------|
|                      | NFC                   | DIN |           |
| Screw clamp Rigid    | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |
| Screw clamp Flexible | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |

| Voltage               |                         | 500 V                    | 300 V        |
|-----------------------|-------------------------|--------------------------|--------------|
| Rated                 |                         | 500 V                    | 300 V        |
| Impulse withstand     |                         | 6 kV                     |              |
| Pollution degree      |                         | 3                        |              |
| Current               |                         | 10 A                     | 10 A         |
| Rated                 |                         | 10 A                     | 10 A         |
| Wire size             |                         | 4 mm <sup>2</sup> / A4   | 10 AWG       |
| Rated/gauge           |                         | 4 mm <sup>2</sup> / A4   | 10 AWG       |
| Wire stripping length | Recommended screwdriver | Recommended torque       | Protection   |
| 9,5 mm .374"          | 4 mm .157"              | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 |

| Voltage               |                         | 500 V                    | 300 V        |
|-----------------------|-------------------------|--------------------------|--------------|
| Rated                 |                         | 500 V                    | 300 V        |
| Impulse withstand     |                         | 6 kV                     |              |
| Pollution degree      |                         | 3                        |              |
| Current               |                         | 10 A                     | 10 A         |
| Rated                 |                         | 10 A                     | 10 A         |
| Wire size             |                         | 4 mm <sup>2</sup> / A4   | 10 AWG       |
| Rated/gauge           |                         | 4 mm <sup>2</sup> / A4   | 10 AWG       |
| Wire stripping length | Recommended screwdriver | Recommended torque       | Protection   |
| 9,5 mm .374"          | 4 mm .157"              | 0,5-0,6 Nm 4.4-5.3 lb.in | IP 20 NEMA 1 |

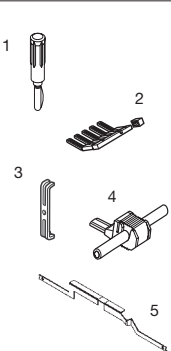
|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Body material UL94V0.  
If another terminal block is mounted next to a block M 4/6.D2.2S2..., it must be equipped with its end section.  
If a metallic part is placed beside the block, a separator end section on rail type SCFEX must be used.  
The use of some accessories may decrease the voltage rating of the terminal block.  
For more information, consult us.

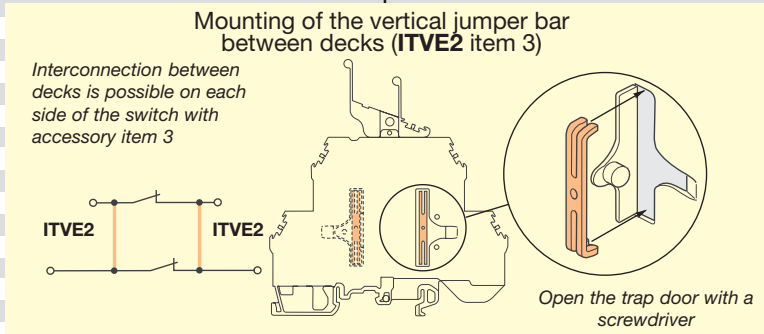
### Accessories



- 1 Test plug
- 2 Comb-type jumper bar
- 3 Insulating comb tip
- 4 Vertical jumper bar
- 5 IDC jumper
- 5 Shield connector

| Type        | Part number                 |
|-------------|-----------------------------|
| PC6 V2 35 A | 2 poles 1SNA 113 546 R1400  |
| PC6 V2 35 A | 3 poles 1SNA 116 536 R0500  |
| PC6 V2 35 A | 4 poles 1SNA 116 537 R0600  |
| PC6 V2 35 A | 10 poles 1SNA 113 548 R2600 |
| EIP V2      | 1SNA 113 550 R2400          |
| ITVE2       | 20 A 1SNA 179 825 R2600     |
| AD2,5 V2    | 24 A 1SNA 114 205 R2000     |
| CBD2S       | 1SNA 178 408 R1400          |

| Type             | Part number                 |
|------------------|-----------------------------|
| FC2(1) DIA. 2 mm | 1SNA 007 865 R2600          |
| PC6 V2 35 A      | 2 poles 1SNA 113 546 R1400  |
| PC6 V2 35 A      | 3 poles 1SNA 116 536 R0500  |
| PC6 V2 35 A      | 4 poles 1SNA 116 537 R0600  |
| PC6 V2 35 A      | 10 poles 1SNA 113 548 R2600 |
| EIP V2           | 1SNA 113 550 R2400          |
| ITVE2            | 20 A 1SNA 179 825 R2600     |
| AD2,5 V2         | 24 A 1SNA 114 205 R2000     |
| CBD2S            | 1SNA 178 408 R1400          |



R See section on markers marking method

RC65 - RC610 Block sides RC55 - RC510 On pull levers  
Note : (1) For blocks M4/6.D2.2S2.T only

RC65 - RC610 Block sides RC55 - RC510 On pull levers

# Heavy duty switch terminal blocks with contact control pull lever. Double deck change-over type Screw clamp

DIN 1 - DIN 3



A  
6

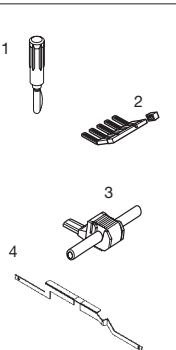
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 12 mm     | BADH    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Notes

Body material UL94V0.  
If another terminal block is mounted next to a block M 4/6.D2.S1R..., it must be equipped with its end section. If a metallic part is placed beside the block, a separator end section on rail type SCFEX must be used. The use of some accessories may decrease the voltage rating of the terminal block.  
For more information, consult us.

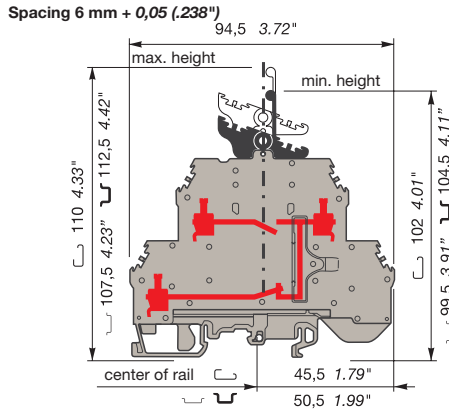
## Accessories



- 1 Test plug
- 2 Comb-type jumper bar
- Insulating comb tip
- 3 IDC jumper
- 4 Shield connector

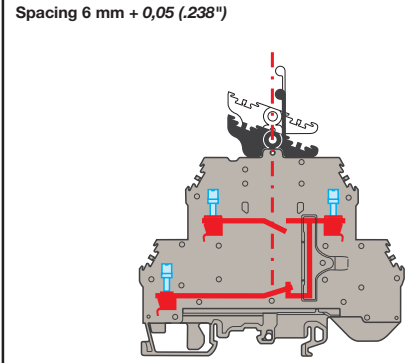
R See section on markers marking method

### M 4/6.D2.S1R



This closed block directs a signal either to the upper deck (contact control pull lever in high position), or to the lower deck (pull lever in low position) with just one operation.

### M 4/6.D2.S1R.T



Block M4/6.D2.S1R equipped with 3 test socket-screws DIA. 2 mm or DIA. 2,3 mm.

| Color | Type | Part numbers | Color | Type | Part numbers |
|-------|------|--------------|-------|------|--------------|
|-------|------|--------------|-------|------|--------------|

Grey with black **M 4/6.D2.S1R** 1SNA 199 452 R2500  
contact control pull lever

With 3 test socket-screws DIA. 2 mm  
Grey with black **M 4/6.D2.S1R.T** 1SNA 199 456 R2100  
contact control pull lever  
With 3 test socket-screws DIA. 2,3 mm  
Grey with black **M 4/6.D2.S1R.T23** 1SNA 199 455 R2000  
contact control pull lever

## Characteristics

| Wire size   |          | IEC                   |     | UL/CSA    |
|-------------|----------|-----------------------|-----|-----------|
|             |          | NFC                   | DIN |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |

## Characteristics

| Wire size   |          | IEC                   |     | UL/CSA    |
|-------------|----------|-----------------------|-----|-----------|
|             |          | NFC                   | DIN |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |
|             | Flexible | 0,2-4 mm <sup>2</sup> |     | 24-10 AWG |

| Voltage           |       | Current |      |
|-------------------|-------|---------|------|
| Rated             | 500 V | Rated   | 10 A |
| Impulse withstand | 6 kV  | Rated   | 10 A |
| Pollution degree  | 3     | Rated   | 10 A |

| Voltage           |       | Current |      |
|-------------------|-------|---------|------|
| Rated voltage     | 500 V | Rated   | 10 A |
| Impulse withstand | 6 kV  | Rated   | 10 A |
| Pollution degree  | 3     | Rated   | 10 A |

| Wire size             |                         | Part number                 |                 |
|-----------------------|-------------------------|-----------------------------|-----------------|
| Rated/gauge           | 4 mm <sup>2</sup> / A4  | 10 AWG                      |                 |
| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157"           | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |

| Wire size             |                         | Part number                 |                 |
|-----------------------|-------------------------|-----------------------------|-----------------|
| Rated/gauge           | 4 mm <sup>2</sup> / A4  | 10 AWG                      |                 |
| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157"           | 0,5-0,6 Nm<br>4.4-5.3 lb.in | IP 20<br>NEMA 1 |

| Type                                              | Part number                 |
|---------------------------------------------------|-----------------------------|
| PC6 V2 35 A                                       | 2 poles 1SNA 113 546 R1400  |
| PC6 V2 35 A                                       | 3 poles 1SNA 116 536 R0500  |
| PC6 V2 35 A                                       | 4 poles 1SNA 116 537 R0600  |
| PC6 V2 35 A                                       | 10 poles 1SNA 113 548 R2600 |
| EIP V2                                            | 1SNA 113 550 R2400          |
| AD2.5 V2 24 A                                     | 1SNA 114 205 R2000          |
| CBD2S                                             | 1SNA 178 408 R1400          |
| RC65 - RC610 Sides of block and top of pull lever |                             |

| Type                                              | Part number                 |
|---------------------------------------------------|-----------------------------|
| FC2(1) DIA. 2 mm                                  | 1SNA 007 865 R2600          |
| PC6 V2 35 A                                       | 2 poles 1SNA 113 546 R1400  |
| PC6 V2 35 A                                       | 3 poles 1SNA 116 536 R0500  |
| PC6 V2 35 A                                       | 4 poles 1SNA 116 537 R0600  |
| PC6 V2 35 A                                       | 10 poles 1SNA 113 548 R2600 |
| EIP V2                                            | 1SNA 113 550 R2400          |
| AD2.5 V2 24 A                                     | 1SNA 114 205 R2000          |
| CBD2S                                             | 1SNA 178 408 R1400          |
| RC65 - RC610 Sides of block and top of pull lever |                             |
| (1) For M 4/6.D2.S1R.T only                       |                             |

# Heavy duty switch terminal blocks with removable plug

Screw clamp

DIN 1 - DIN 3



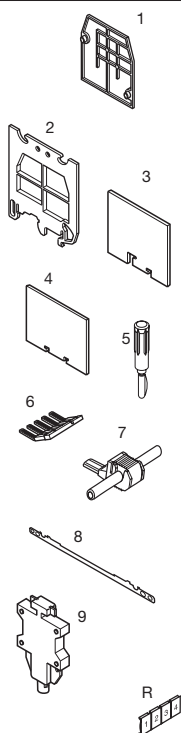
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

## Accessories

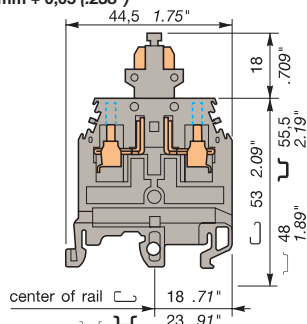


|   |                              |        |        |                      |                    |
|---|------------------------------|--------|--------|----------------------|--------------------|
| 1 | End section                  | grey   | FEM62  | th. 3 mm             | 1SNA 114 994 R0700 |
|   |                              | orange | FEM62  | th. 3 mm             | 1SNA 103 612 R2500 |
| 2 | Separator end section (rail) | grey   | SCFM6  | th. 3 mm             | 1SNA 114 825 R0500 |
| 3 | Separator end section        | grey   | SCFEX1 | th. 2,4 mm           | 1SNA 103 619 R0400 |
| 4 | Separator end section        | grey   | SCFEX3 | th. 2,4 mm           | 1SNA 103 620 R0100 |
| 5 | Test plug                    |        | FC2    | DIA. 2 mm            | 1SNA 007 865 R2600 |
| 6 | Comb type jumper bar         | 35 A   | PC61   | 10 poles             | 1SNA 163 311 R2200 |
| 7 | IDC jumper                   |        | AD2,5  |                      | 1SNA 114 205 R2000 |
| 8 | Shield connector             |        | CBM5   | th. 0,5 mm           | 1SNA 178 745 R1400 |
|   |                              |        | CBM8   | th. 0,8 mm           | 1SNA 178 746 R1500 |
| 9 | Removable plug               |        | 6E     | delivered with block | 1SNA 117 280 R2200 |

R See section on markers marking method

## M 4/6.SNBT3

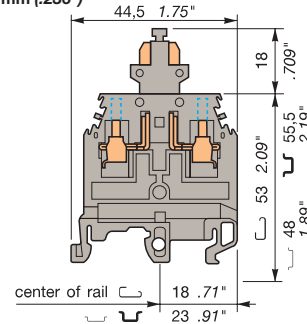
Spacing 6 mm + 0,05 (.238")



6 mm block - Switch connection by removable plug - Equipped with two test socket screws DIA. 2 mm / .079".

## M 4/6.SNBTA

Spacing 6 mm (.236")



6 mm block - Switch connection by removable plug - Equipped with two test socket screws DIA. 2,3 mm / .090".

| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/6.SNBT3 | 1SNA 115 439 R1300 |

| Colour | Type                                 | Part numbers       |
|--------|--------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/6.SNBTA | 1SNA 115 496 R0500 |

| Characteristics |          |                       |           |
|-----------------|----------|-----------------------|-----------|
| Wire size       |          |                       |           |
|                 |          | IEC                   | UL        |
|                 |          | NFC                   | DIN       |
| Screw clamp     | Rigid    | 0,5-4 mm <sup>2</sup> | 22-10 AWG |
|                 | Flexible | 0,5-4 mm <sup>2</sup> | 22-10 AWG |

| Characteristics |          |                       |     |
|-----------------|----------|-----------------------|-----|
| Wire size       |          |                       |     |
|                 |          | IEC                   | UL  |
|                 |          | NFC                   | DIN |
| Screw clamp     | Rigid    | 0,5-4 mm <sup>2</sup> |     |
|                 | Flexible | 0,5-4 mm <sup>2</sup> |     |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 320 V | 300 V | 300 V |
| Impulse withstand | 4 kV  |       |       |
| Pollution degree  | 3     |       |       |

| Voltage           |       |  |  |
|-------------------|-------|--|--|
| Rated             | 320 V |  |  |
| Impulse withstand | 4 kV  |  |  |
| Pollution degree  | 3     |  |  |

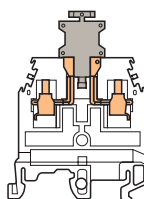
| Current |      |      |      |
|---------|------|------|------|
| Rated   | 10 A | 20 A | 10 A |

| Current |      |  |  |
|---------|------|--|--|
| Rated   | 10 A |  |  |

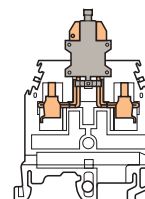
| Wire size             |                        |                             |                 |
|-----------------------|------------------------|-----------------------------|-----------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 10 AWG                      | 12 AWG          |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque              | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157 "         | 0,5-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 |

| Wire size             |                        |                             |                 |
|-----------------------|------------------------|-----------------------------|-----------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                             |                 |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque              | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157 "         | 0,5-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 |

Removable plug position closed circuit



Removable plug position open circuit



RC65 - RC610 Sides of block  
(1) End sections and separators snapped on rails.

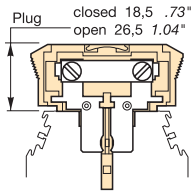
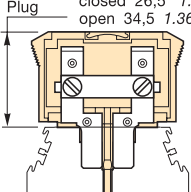
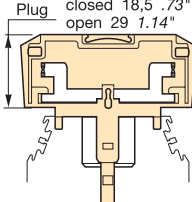
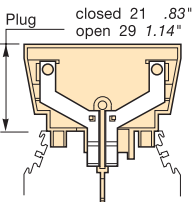
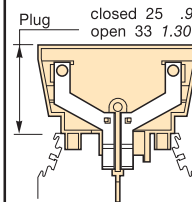
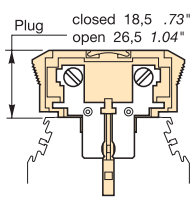
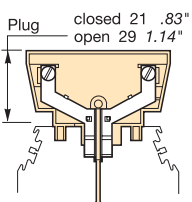
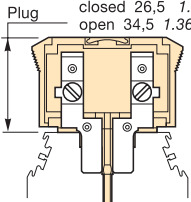
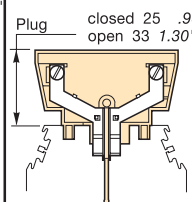
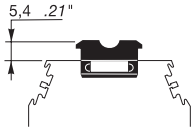
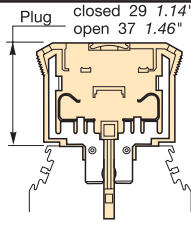
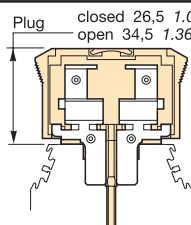
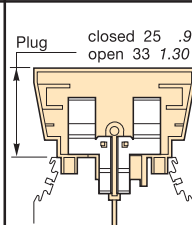
RC65 - RC610 Sides of block

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# Notes

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| Selection guide for different types of plugs |                                      | Block spacing 5 mm                                                                                                                                                                             | Block spacing 6 mm                                                                                                                                                                                                                                                                                                | Block spacing 8 mm                                                                                                                                               |                                                                                                                                                                                                                       |                                                                                                                                                                   |
|----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Types of plugs                               | Types of fuses                       | MA 2,5/5.SB                                                                                                                                                                                    | M 4/6.SB<br>M 4/6.SBT.4A<br>M 4/6.D2.SB                                                                                                                                                                                                                                                                           | M 4/6.S                                                                                                                                                          | M 6/8.SB                                                                                                                                                                                                              | M 6/8.S                                                                                                                                                           |
| Switching function                           | Short-circuit plug                   |                                                                                                                                                                                                |  <p>Plug closed 18,5 .73"<br/>open 26,5 1.04"</p> <p>Without test<br/>BNC62 1SNA 116 853 R1300<br/>BNC62 V0 1SNA 196 853 R1400</p>                                                                                               |                                                                                                                                                                  |  <p>Plug closed 26,5 1.04"<br/>open 34,5 1.36"</p> <p>With test<br/>BNCT82 1SNA 116 926 F0400<br/>BNCT82 V0 1SNA 196 926 F0500</p> |                                                                                                                                                                   |
|                                              | Plug with solder tags                |  <p>Plug closed 18,5 .73"<br/>open 29 1.14"</p> <p>BNS5 1SNA 116 702 F2400<br/>BNS5 V0 1SNA 196 702 F2500</p> |                                                                                                                                                                                                                                                                                                                   |  <p>Plug closed 21 .83"<br/>open 29 1.14"</p> <p>BNS6 1SNA 113 240 F0500</p>   |                                                                                                                                                                                                                       |  <p>Plug closed 25 .98"<br/>open 33 1.30"</p> <p>BNS8 1SNA 113 794 R1500</p>   |
| Fuse protection function                     | Plug with solder tags and screws (1) | <p>Soldered fuses<br/>type FUBS - 0,5 to 5 A - 250 V</p> <p>Flat fuses<br/>type FUPLV - 1 to 5 A - 250 V</p>                                                                                   |  <p>Plug closed 18,5 .73"<br/>open 26,5 1.04"</p> <p>BNSV62 1SNA 116 854 R1400<br/>BNSV62 V0 1SNA 196 854 R1500</p>                                                                                                             |  <p>Plug closed 21 .83"<br/>open 29 1.14"</p> <p>BNSV6 1SNA 114 348 F0600</p> |  <p>Plug closed 26,5 1.04"<br/>open 34,5 1.36"</p> <p>BNSV82 1SNA 116 927 F0500<br/>BNSV82 V0 1SNA 196 927 F0600</p>              |  <p>Plug closed 25 .98"<br/>open 33 1.30"</p> <p>BNSV8 1SNA 114 349 F0700</p> |
|                                              | Fuse holder plug                     | <p>Automotive miniature fuses (2)<br/>type MINI®Blade fuse<br/>2 A to 3 A - 32 V maxi</p>                                                                                                      |  <p>5,4 .21"</p> <p>BFAUTO 1SNA 299 486 F2400<br/>V0 black</p>                                                                                                                                                                 |                                                                                                                                                                  |                                                                                                                                                                                                                       |                                                                                                                                                                   |
|                                              | Fuse holder plug                     | <p>Fuses 5 x 20<br/>type FU520 - 0,5 to 5 A - 250 V</p> <p>Fuses 5 x 25<br/>type FU525 - 1,6 to 6,3 A - 250 V</p>                                                                              |  <p>Plug closed 29 1.14"<br/>open 37 1.46"</p> <p>BNF652 1SNA 116 998 R1500<br/>BNF652 V0 (R) 1SNA 196 998 R1600<br/>BNF652D (R) 1SNA 116 999 R1600<br/>BNF652D1 (R) 1SNA 116 966 R1400<br/>BNF652L (R) 1SNA 116 967 R1500</p> |                                                                                                                                                                  |  <p>Plug closed 26,5 1.04"<br/>open 34,5 1.36"</p> <p>BNF52 1SNA 116 924 F0200<br/>BNF52 V0 1SNA 196 924 F0300</p>               |  <p>Plug closed 25 .98"<br/>open 33 1.30"</p> <p>BNF5 1SNA 113 795 R1600</p> |

### Types of fuses

**Soldered fuses 250 V**

|      |       |                    |
|------|-------|--------------------|
| FUBS | 0,5 A | 1SNA 174 893 R1600 |
| FUBS | 1 A   | 1SNA 174 894 R1700 |
| FUBS | 2 A   | 1SNA 174 895 R1000 |
| FUBS | 3 A   | 1SNA 174 896 R1100 |
| FUBS | 5 A   | 1SNA 174 897 R1200 |

**Flat fuses 250 V**

|       |     |                    |
|-------|-----|--------------------|
| FUPLV | 1 A | 1SNA 008 096 R2000 |
| FUPLV | 2 A | 1SNA 008 097 R2100 |
| FUPLV | 5 A | 1SNA 008 098 F0200 |

**Fuses 5 x 20 mm 250 V**

|       |        |                    |
|-------|--------|--------------------|
| FU520 | 0,5 A  | 1SNA 008 288 R1500 |
| FU520 | 1 A    | 1SNA 008 290 R1300 |
| FU520 | 2 A    | 1SNA 008 291 R0000 |
| FU520 | 3.15 A | 1SNA 008 289 R1600 |
| FU520 | 5 A    | 1SNA 008 292 F0100 |

**Automotive miniature fuses 32 V max.**

|        |     |                    |
|--------|-----|--------------------|
| FUAUTO | 2 A | 1SNA 179 879 R1400 |
| FUAUTO | 3 A | 1SNA 179 880 F0200 |

**Fuses 5 x 25 mm 250 V**

|       |       |                    |
|-------|-------|--------------------|
| FU525 | 1.6 A | 1SNA 167 546 R2200 |
| FU525 | 2 A   | 1SNA 167 547 R2300 |
| FU525 | 2.5 A | 1SNA 167 548 F0400 |
| FU525 | 4 A   | 1SNA 167 549 F0500 |
| FU525 | 6.3 A | 1SNA 167 550 F0200 |

Note : (1) Compatible with electronic components max. diameter or thickness for components : - plug BNSV62 : 4 mm / .157" max. - plug BNSV82 : 6 mm / .236" max.  
 (2) For all fuses, the dissipated load should remain under 0,8 W. (3) With LED 24 V AC/DC. (4) With LED 48 V AC/DC. (5) With neon lamp 110-230 V AC/DC.  
 (6) Except M 4/6.D2.SB

# Heavy duty switch terminal blocks with plug

## Screw clamp

DIN 1 - DIN 3



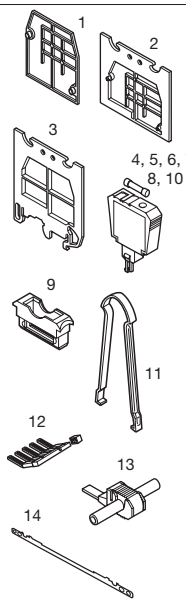
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

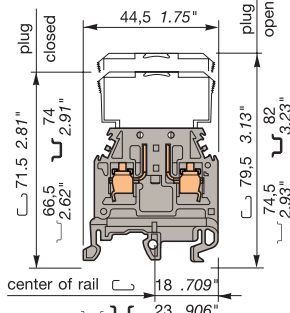


|           |                                                                                                                                              |               |  |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|
| <b>1</b>  | End section                                                                                                                                  | grey<br>beige |  |
| <b>2</b>  | Separator end section (block)                                                                                                                |               |  |
| <b>3</b>  | Separator end section (rail)                                                                                                                 |               |  |
| <b>4</b>  | Short circuit plug(2)                                                                                                                        |               |  |
| <b>5</b>  | Short circuit plug+test(2)                                                                                                                   |               |  |
| <b>6</b>  | Plug with solder tags (2)                                                                                                                    |               |  |
| <b>7</b>  | Plug with solder tags and screw(2)                                                                                                           |               |  |
| <b>8</b>  | Plug equipped with a diode (1N 4007)                                                                                                         |               |  |
| <b>9</b>  | Fuse-holder plug for car manufact.(2)                                                                                                        |               |  |
| <b>10</b> | Fuse-holder plug (for fuses 5x20 or 5x25)(2)<br>BNF652 with LED 24 V AC/DC<br>BNF652 with LED 48 V AC/DC<br>BNF652 with neon 110/230 V AC/DC |               |  |
| <b>11</b> | Plug extractor                                                                                                                               |               |  |
| <b>12</b> | Comb-type jumper bar                                                                                                                         |               |  |
| <b>13</b> | IDC jumper                                                                                                                                   |               |  |
| <b>14</b> | Shield connector                                                                                                                             |               |  |

**R** See section on markers marking method

## MA 2,5/5.SB

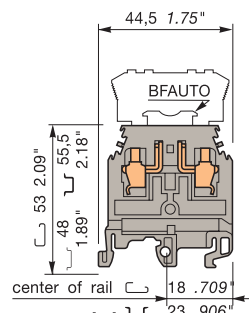
Spacing 5 mm (.197")



5 mm block - switch connection by polarized plug delivered separately.

## M 4/6.SB

Spacing 6 mm + 0,05 (.238")



5 mm block - switch connection by polarized plug delivered separately.



| Colour | Type | Part numbers                          |
|--------|------|---------------------------------------|
| Grey   |      | <b>MA 2,5/5.SB</b> 1SNA 115 506 R1700 |

| Colour   | Type | Part numbers                          |
|----------|------|---------------------------------------|
| Grey     |      | <b>M 4/6.SB</b> 1SNA 115 435 R0700    |
| Beige V0 |      | <b>M 4/6.SB.V0</b> 1SNA 195 435 R0000 |

### Characteristics

| Wire size   |          | IEC                     | DIN | UL | CSA |
|-------------|----------|-------------------------|-----|----|-----|
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup>   |     |    |     |
|             | Flexible | 0,5-2,5 mm <sup>2</sup> |     |    |     |

### Characteristics

| Wire size   |          | IEC                   | DIN | UL        | CSA       |
|-------------|----------|-----------------------|-----|-----------|-----------|
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup> |     | 22-10 AWG | 20-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 22-10 AWG | 20-12 AWG |

| Voltage           |          | Current |      |
|-------------------|----------|---------|------|
| Rated             | 320 V(3) | Rated   | 10 A |
| Impulse withstand | 4 kV     |         |      |
| Pollution degree  | 3        |         |      |

| Voltage           |          | Current |       |
|-------------------|----------|---------|-------|
| Rated             | 250 V(3) | 300 V   | 300 V |
| Impulse withstand | 4 kV     |         |       |
| Pollution degree  | 3        |         |       |

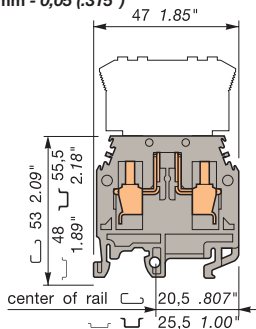
| Type    | Part numbers                  |
|---------|-------------------------------|
| FEM6    | th. 2,8 mm 1SNA 118 368 R1600 |
| SCF6    | th. 3 mm 1SNA 118 707 R0300   |
| SCFM6   | th. 3 mm 1SNA 114 825 R0500   |
| BNS5    | 1SNA 116 702 R2400            |
| BNS5 V0 | 1SNA 196 702 R2500            |
| EXBN2   | 1SNA 171 018 R2000            |
| CBM5    | th. 0,5 mm 1SNA 178 745 R1400 |
| CBM8    | th. 0,8 mm 1SNA 178 746 R1500 |

| Type         | Part numbers                     |
|--------------|----------------------------------|
| FEM62        | th. 3 mm 1SNA 114 994 R0700      |
| FEM62 V0     | th. 3 mm 1SNA 194 994 R0000      |
| SCF6         | th. 3 mm 1SNA 118 707 R0300      |
| SCFM6        | th. 3 mm 1SNA 114 825 R0500      |
| BNC62        | th. 6 mm 1SNA 116 853 R1300      |
| BNC62 V0     | th. 6 mm 1SNA 196 853 R1400      |
| BNSV62       | 1SNA 116 854 R1400               |
| BNSV62 V0    | 1SNA 196 854 R1500               |
| BNS6DG1      | 1SNA 400 146 R0000               |
| BFAUTO       | V0 black 1SNA 299 486 R2400      |
| BNF652       | th. 6 mm 1SNA 116 998 R1500      |
| BNF652V0     | V0 th. 6 mm 1SNA 196 998 R1600   |
| BNF652 D (1) | th. 6 mm 1SNA 116 999 R1600      |
| BNF652 D1(1) | th. 6 mm 1SNA 116 966 R1400      |
| BNF652 L (1) | th. 6 mm 1SNA 116 967 R1500      |
| EXBN2        | 1SNA 171 018 R2000               |
| PC61         | 35 A 10 poles 1SNA 163 311 R2200 |
| AD2,5        | 24 A 1SNA 114 205 R2000          |
| CBM5         | th. 0,5 mm 1SNA 178 745 R1400    |
| CBM8         | th. 0,8 mm 1SNA 178 746 R1500    |

RC510 on plug RC55 - RC510 Block sides RC610 on plug RC65 - RC610 Block sides  
 Note : (1) Leakage current : - with LED 24V or 48V : < 1,6 mA. (3) Insulation voltage - operating voltage : according to fuse.  
 - with neon lamp 110 or 230 V AC/DC : < 0,5 mA.  
 (2) See selection guide for dimensions of plug and types of fuses to use.

**M 6/8.SB**

Spacing 8 mm - 0,05 (.315")



8 mm block - switch connection by polarized plug delivered separately.



| Colour   | Type                                 | Part numbers       |
|----------|--------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 6/8.SB    | 1SNA 115 436 R0000 |
| Beige V0 | <input type="checkbox"/> M 6/8.SB.V0 | 1SNA 195 436 R0100 |

**Characteristics**

| Wire size   |          | IEC<br>NFC DIN         | UL        | CSA       |
|-------------|----------|------------------------|-----------|-----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 20-12 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  | 22-10 AWG | 20-12 AWG |

| Voltage           |  | IEC<br>NFC DIN | UL    | CSA   |
|-------------------|--|----------------|-------|-------|
| Rated             |  | 400 V(3)       | 300 V | 300 V |
| Impulse withstand |  | 4 kV           |       |       |
| Pollution degree  |  | 3              |       |       |

| Current |  | IEC<br>NFC DIN | UL   | CSA  |
|---------|--|----------------|------|------|
| Rated   |  | 15 A           | 20 A | 10 A |

| Wire size             |                         | IEC<br>NFC DIN            | UL              | CSA    |
|-----------------------|-------------------------|---------------------------|-----------------|--------|
| Rated                 |                         | 6 mm <sup>2</sup> / A5    | 10 AWG          | 12 AWG |
| Wire stripping length | Recommended screwdriver | Recommended torque        | Protection      |        |
| 12 mm<br>.472"        | 4-5 mm<br>.157" - .197" | 0,8-1 Nm<br>7.1-8.9 lb.in | IP 20<br>NEMA 1 |        |

| Type    | Part numbers                   |
|---------|--------------------------------|
| FEM8    | th. 3 mm 1SNA 113 373 R2600    |
| FEM8 V0 | V0 th. 3 mm 1SNA 193 373 R2700 |

|           |          |                    |
|-----------|----------|--------------------|
| BNCT82    | grey     | 1SNA 116 926 R0400 |
| BNCT82 V0 | V0 beige | 1SNA 196 926 R0500 |
| BNSV82    | grey     | 1SNA 116 927 R0500 |
| BNSV82 V0 | V0 beige | 1SNA 196 927 R0600 |

|          |          |                    |
|----------|----------|--------------------|
| BNF52    | grey     | 1SNA 116 924 R0200 |
| BNF52    | orange   | 1SNA 105 133 R1700 |
| BNF52 V0 | V0 beige | 1SNA 196 924 R0300 |

|         |               |                    |
|---------|---------------|--------------------|
| EXBN2   |               | 1SNA 171 018 R2000 |
| PC8 (4) | 50 A 10 poles | 1SNA 163 313 R2400 |
| AD2,5   | 24 A          | 1SNA 114 205 R2000 |

RC610On plug RC810 Sides of block  
(4) Other pole numbers, see accessories.

**BFAUTO**

**Fuse holder plug for automotive "miniature" fuse**

The fuse holder plug **BFAUTO** is a clever solution for a fuse application in a tight space : spacing 6 mm.

The BFAUTO holds "miniature" automotive fuses type **MINI® Blade** and can be plugged into ENTRELEC heavy duty switch terminal blocks spacing 6 mm. It can be used with Screw clamp and insulation displacement, ADO terminal blocks (see right column).

It can be used with test plugs FC2 or test devices on screw head DCJ or DCG.

**MINI® Blade Fuse** is a **LITTLEFUSE** trade mark.

| Type                   | Part numbers       |
|------------------------|--------------------|
| Fuse holder plug       |                    |
| <b>BFAUTO black V0</b> | 1SNA 299 486 R2400 |
| Fuses - 32 V max.      |                    |
| <b>FUAUTO 2A</b>       | 1SNA 179 879 R1400 |
| <b>FUAUTO 3A</b>       | 1SNA 179 880 R0200 |
| <b>FUAUTO 5A</b>       | 1SNA 211 277 R0000 |
| Extraction tool        |                    |
| <b>EXBN2</b>           | 1SNA 171 018 R2000 |

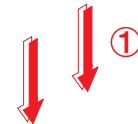
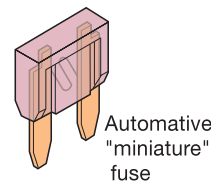
**Characteristics**

| Voltage           |  | IEC<br>NFC DIN | UL | CSA |
|-------------------|--|----------------|----|-----|
| Rated             |  | 320 V (1)      |    |     |
| Impulse withstand |  | 3 kV           |    |     |
| Pollution degree  |  | 3              |    |     |

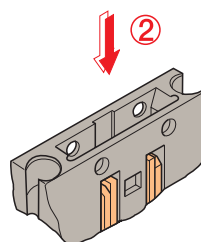
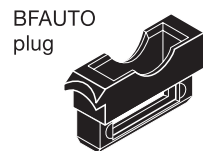
| Current |  | IEC<br>NFC DIN | UL | CSA |
|---------|--|----------------|----|-----|
| Rated   |  | 3 A maxi       |    |     |

(1) *Insulation voltage of the plug.  
Use voltage according to fuse.  
For all fuses, the power loss must remain under 0,8 W.*

**MOUNTING**



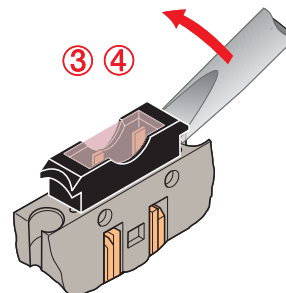
1 - Insert the miniature fuse into the BFAUTO plug.



2 - Insert the assembly (fuse + BFAUTO plug) into the terminal block by pushing on the fuse.

Switch terminal block spacing 6 mm

**REMOVAL**

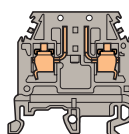


3 - Remove the assembly fuse + BFAUTO plug manually or with a screwdriver making a rotative action or with the help of the EXBN2 extraction tool.

4 - Remove manually the fuse out of the BFAUTO plug.

**M 4/6.SB**

Spacing 6 mm + 0,05(.238")



M 4/6.SB 1SNA 115 435 R0700

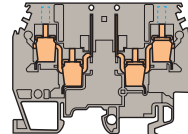
Limited to 3 A  
FUAUTO maxi. fuses.

Characteristics and accessories

See standard block  
M 4/6.SB

**M 4/6.SBT.4A**

Spacing 6 mm + 0,05 (.238")



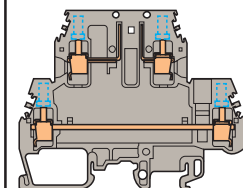
M 4/6.SBT.4A 1SNA 115 555 R1700

Limited to 3 A  
FUAUTO maxi. fuses.

See standard block  
M 4/6.SBT.4A

**M 4/6.D2.SB**

Spacing 6 mm + 0,05 (.238")



M 4/6.D2.SB 1SNA 115 702 R2300

Limited to 3 A  
FUAUTO maxi. fuses.

See standard block  
M 4/6.D2.SB

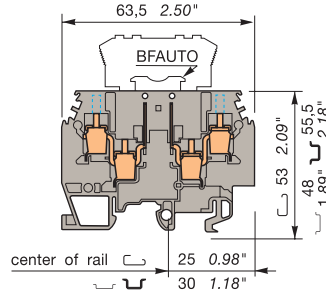
# Heavy duty switch terminal blocks with plug

Double Screw clamp

DIN 1 - DIN 3

## M 4/6.SBT.4A

Spacing 6 mm + 0,05 (.238")



6 mm block - switch connection by polarized plug delivered separately, equipped with 2 test socket-screws DIA. 2 mm.



| Colour   | Type                                     | Part numbers       |
|----------|------------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 4/6.SBT.4A    | 1SNA 115 555 R1700 |
| Beige V0 | <input type="checkbox"/> M 4/6.SBT.4A.V0 | 1SNA 195 555 R1000 |

### Characteristics

| Wire size   |          | IEC                   | UL  | CSA       |
|-------------|----------|-----------------------|-----|-----------|
|             |          | NFC                   | DIN |           |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup> |     | 22-10 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 22-10 AWG |

| Voltage           |          |  |       |
|-------------------|----------|--|-------|
| Rated             | 250 V(2) |  | 600 V |
| Impulse withstand | 4 kV     |  |       |
| Pollution degree  | 3        |  |       |

| Current  |      |  |       |
|----------|------|--|-------|
| Nominale | 10 A |  | 6.3 A |

| Wire size             |                         |                             |                 |
|-----------------------|-------------------------|-----------------------------|-----------------|
| Rated                 | 4 mm <sup>2</sup> / A4  |                             |                 |
| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
| 9,5 mm<br>.374 "      | 4 mm<br>.157"           | 0,5-0,6 Nm<br>4.4-5.3 lb.in | IP 20<br>NEMA 1 |

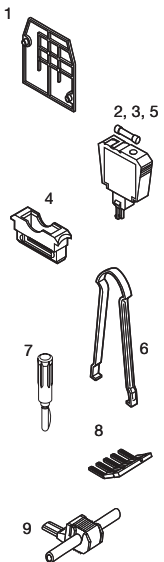
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



- 1 End section grey beige
- 2 Short circuit plug(3)
- 3 Plug with solder tags and screw(3)
- 4 Fuse-holder plug for automotive fuse (3)
- 5 Fuse-holder plug (for fuses 5x20 or 5x25) BNF652 with LED 24 V AC/DC BNF652 with LED 48 V AC/DC BNF652 with neon 110/230VAC/DC(3)
- 6 Plug extractor
- 7 Test plug
- 8 Comb-type jumper bar 35 A
- 9 IDC jumper

| Type            | Part numbers                 |
|-----------------|------------------------------|
| FEM6.4A         | th. 3 mm 1SNA 116 629 R2200  |
| FEM4A V0 V0     | th. 3 mm 1SNA 196 629 R2300  |
| BNC62           | th. 6 mm 1SNA 116 853 R1300  |
| BNC62 V0 V0     | th. 6 mm 1SNA 196 853 R1400  |
| BNSV62          | 1SNA 116 854 R1400           |
| BNSV2 V0 V0     | 1SNA 196 854 R1500           |
| BFAUTO V0 black | 1SNA 299 486 R2400           |
| BNF652          | th. 6 mm 1SNA 116 998 R1500  |
| BNF652V0 V0     | th. 6 mm 1SNA 196 998 R1600  |
| BNF652 D (1)    | th. 6 mm 1SNA 116 999 R1600  |
| BNF652 D1(1)    | th. 6 mm 1SNA 116 966 R1400  |
| BNF652 L (1)    | th. 6 mm 1SNA 116 967 R1500  |
| EXBN2           | 1SNA 171 018 R2000           |
| FC2             | DIA. 2 mm 1SNA 007 865 R2600 |
| PC61            | 10 poles 1SNA 163 311 R2200  |
| AD2,5           | 1SNA 114 205 R2000           |



R See section on markers marking method

RC65 - RC610 Block sides RC610 on plug

Note : (1) Leakage current : - with LED 24V or 48V : < 1,6 mA. (3) Insulation voltage - operating voltage : according to fuse.  
- with neon lamp 110 or 230V AC/DC : < 0,5 mA.  
(2) See selection guide for dimensions of plug and types of fuses to use.



# Heavy duty switch terminal blocks with plug Double deck Screw clamp

DIN 1 - DIN 3

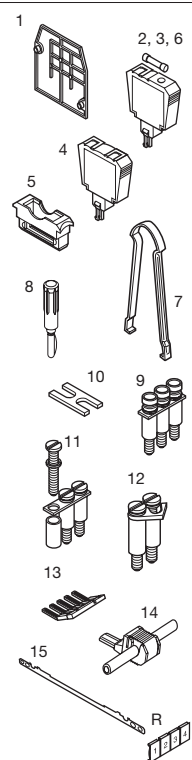
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH V0</b> | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

## Accessories



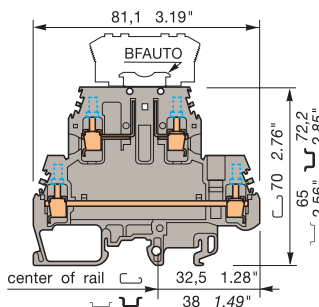
|                                                         |      |                 |               |                    |
|---------------------------------------------------------|------|-----------------|---------------|--------------------|
| <b>1</b> End section                                    | grey | FEMS6D          | th. 1 mm      | 1SNA 116 591 R0500 |
| <b>2</b> Short circuit plug(6)                          |      | BNC62           | th. 6 mm      | 1SNA 116 853 R1300 |
| <b>3</b> Plug with solder tags and screw(6)             |      | BNSV62          |               | 1SNA 116 854 R1400 |
| <b>4</b> Component holder plug                          |      | BFAUTO          | V0 black      | 1SNA 299 486 R2400 |
| <b>5</b> Fuse-holder plug for car manufact.(6)          |      | BNF652          | th. 6 mm      | 1SNA 116 998 R1500 |
| <b>6</b> Fuse-holder plug (for fuses 5x20 or 5x25)      |      | BNF652 D (4)    | th. 6 mm      | 1SNA 116 999 R1600 |
| <b>7</b> Plug extractor                                 |      | BNF652 D1(4)    | th. 6 mm      | 1SNA 116 966 R1400 |
| <b>8</b> Test plug                                      |      | BNF652 L (4)    | th. 6 mm      | 1SNA 116 967 R1500 |
| <b>9</b> Assembled jumper bar (without IP20 protection) |      | EXBN2           |               | 1SNA 171 018 R2000 |
| <b>10</b> Connector plate                               |      | FC2             | DIA. 2 mm     | 1SNA 007 865 R2600 |
| <b>11</b> Jumper bar Post + screw + washer              |      | BJMI6D (1)(2)   | 32 A 2 poles  | 1SNA 179 668 R2000 |
| <b>12</b> Pivoting jumper bar                           |      | BJMI6D (1)(2)   | 32 A 3 poles  | 1SNA 179 669 R2100 |
| <b>13</b> Comb-type jumper bar 35 A                     |      | BJMI6D (1)(2)   | 32 A 4 poles  | 1SNA 179 670 R2600 |
| <b>14</b> IDC jumper                                    |      | BJMI6D (1)(2)   | 32 A 5 poles  | 1SNA 179 671 R1300 |
| <b>15</b> Shield connector                              |      | BJMI6D (1)(2)   | 32 A 10 poles | 1SNA 179 672 R1400 |
|                                                         |      | EL6             | 35 A          | 1SNA 173 627 R2100 |
|                                                         |      | BJS61 (1)(2)(3) | 32 A 10 poles | 1SNA 168 485 R2700 |
|                                                         |      | EV6D            |               | 1SNA 168 400 R1600 |
|                                                         |      | BJP61           | 35 A          | 1SNA 167 225 R2000 |
|                                                         |      | PC61            | 35 A 10 poles | 1SNA 163 311 R2200 |
|                                                         |      | AD2,5           | 24 A          | 1SNA 114 205 R2000 |
|                                                         |      | CBD2S           |               | 1SNA 178 408 R1400 |

**R** See section on markers marking method RC65 - RC610 Block sides RC610 on plug

Note : (1) Use of these accessories requires the user to cut out the partition. (2) For lower deck only. (3) For other numbers of poles, see accessories. (4) Leakage current : - with LED 24V or 48V : < 1,6 mA - with neon lamp 110 or 230V AC/DC : < 0,5 mA. (5) Insulation voltage - operating voltage : according to fuse. (6) See selection guide for plug size and fuse type to use.

## M 4/6.D2.SB

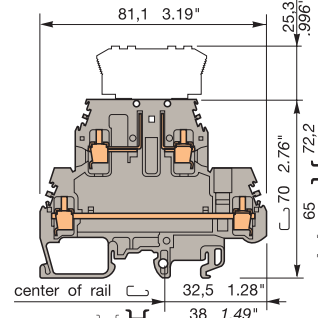
Spacing 6 mm + 0,05 (.238")



6 mm block equipped with 4 test sockets DIA 2 mm. Switch connection by polarized plug on upper deck, delivered separately. Lower circuit is a continuous feed through.

## M 4/8.D2.SB

Spacing 8 mm + 0,05 (.315")



8 mm block for component holder plug. Switch connection on upper deck. Lower circuit is a continuous feed through.

|               |                                      |                    |
|---------------|--------------------------------------|--------------------|
| <b>Colour</b> | <b>Type</b>                          | <b>Part number</b> |
| Grey          | <input type="checkbox"/> M 4/6.D2.SB | 1SNA 115 702 R2300 |

|               |                                      |                    |
|---------------|--------------------------------------|--------------------|
| <b>Colour</b> | <b>Type</b>                          | <b>Part number</b> |
| Grey          | <input type="checkbox"/> M 4/8.D2.SB | 1SNA 115 608 R0500 |

| Characteristics |          |                       |     |
|-----------------|----------|-----------------------|-----|
| wirer size      |          |                       |     |
|                 |          | IEC                   | UL  |
|                 |          | NFC                   | DIN |
| Screw clamp     | Rigid    | 0,5-4 mm <sup>2</sup> |     |
|                 | Flexible | 0,5-4 mm <sup>2</sup> |     |

| Characteristics |          |                       |     |
|-----------------|----------|-----------------------|-----|
| wirer size      |          |                       |     |
|                 |          | IEC                   | UL  |
|                 |          | NFC                   | DIN |
| Screw clamp     | Rigid    | 0,5-4 mm <sup>2</sup> |     |
|                 | Flexible | 0,5-4 mm <sup>2</sup> |     |

| Voltage                       |                                |                            |              |
|-------------------------------|--------------------------------|----------------------------|--------------|
| rated                         |                                | 250 V(5)                   |              |
| Impulse withstand             |                                | 4 kV                       |              |
| Pollution degree              |                                | 3                          |              |
| Current                       |                                |                            |              |
| Nominale                      |                                | 10 A                       |              |
| Wire size                     |                                |                            |              |
| Rated                         |                                | 4 mm <sup>2</sup> / A4     |              |
| Wire stripping length (screw) | Recommended screwdriver(screw) | Recommended torque (screw) | Protection   |
| 9,5 mm .374 "                 | 4 mm .157"                     | 0,5-0,6 Nm 4.4-5.3 lb.in   | IP 20 NEMA 1 |

| Voltage                       |                                |                            |              |
|-------------------------------|--------------------------------|----------------------------|--------------|
| rated                         |                                | 250 V(5)                   |              |
| Impulse withstand             |                                | 4 kV                       |              |
| Pollution degree              |                                | 3                          |              |
| Current                       |                                |                            |              |
| Nominale                      |                                | 10 A                       |              |
| Wire size                     |                                |                            |              |
| Rated                         |                                | 4 mm <sup>2</sup> / A4     |              |
| Wire stripping length (screw) | Recommended screwdriver(screw) | Recommended torque (screw) | Protection   |
| 9,5 mm .374 "                 | 4 mm .157"                     | 0,5-0,6 Nm 4.4-5.3 lb.in   | IP 20 NEMA 1 |

| Type            | Part numbers                     |
|-----------------|----------------------------------|
| FEMS6D          | th. 1 mm 1SNA 116 591 R0500      |
| BNC62           | th. 6 mm 1SNA 116 853 R1300      |
| BNSV62          | 1SNA 116 854 R1400               |
| BFAUTO V0 black | 1SNA 299 486 R2400               |
| BNF652          | th. 6 mm 1SNA 116 998 R1500      |
| BNF652 D (4)    | th. 6 mm 1SNA 116 999 R1600      |
| BNF652 D1(4)    | th. 6 mm 1SNA 116 966 R1400      |
| BNF652 L (4)    | th. 6 mm 1SNA 116 967 R1500      |
| EXBN2           | 1SNA 171 018 R2000               |
| FC2             | DIA. 2 mm 1SNA 007 865 R2600     |
| BJMI6D (1)(2)   | 32 A 2 poles 1SNA 179 668 R2000  |
| BJMI6D (1)(2)   | 32 A 3 poles 1SNA 179 669 R2100  |
| BJMI6D (1)(2)   | 32 A 4 poles 1SNA 179 670 R2600  |
| BJMI6D (1)(2)   | 32 A 5 poles 1SNA 179 671 R1300  |
| BJMI6D (1)(2)   | 32 A 10 poles 1SNA 179 672 R1400 |
| EL6             | 35 A 1SNA 173 627 R2100          |
| BJS61 (1)(2)(3) | 32 A 10 poles 1SNA 168 485 R2700 |
| EV6D            | 1SNA 168 400 R1600               |
| BJP61           | 35 A 1SNA 167 225 R2000          |
| PC61            | 35 A 10 poles 1SNA 163 311 R2200 |
| AD2,5           | 24 A 1SNA 114 205 R2000          |
| CBD2S           | 1SNA 178 408 R1400               |

| Type     | Part numbers                       |
|----------|------------------------------------|
| FEM8D1   | th. 2 mm 1SNA 116 656 R2500        |
| BNSV62   | 1SNA 116 854 R1400                 |
| BNF A8   | grey th. 7,9 mm 1SNA 116 852 R1200 |
| BJMI8    | 2 poles 1SNA 176 669 R1600         |
| BJMI8    | 3 poles 1SNA 176 670 R1300         |
| BJMI8    | 4 poles 1SNA 176 671 R0000         |
| BJMI8    | 5 poles 1SNA 176 672 R0100         |
| BJMI8    | 10 poles 1SNA 176 673 R0200        |
| BJS8 (3) | 20 poles 1SNA 174 789 R0500        |
| BJP82    | 50 A 1SNA 163 169 R0400            |

# Switch terminal blocks with plug

## Screw clamp

DIN 1 - DIN 3



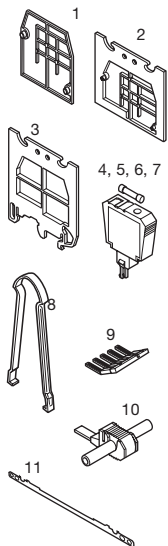
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



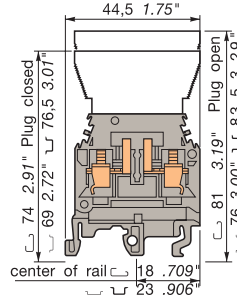
- 1 End section grey
- 2 Separator end section (block)
- 3 Separator end section (rail)
- 4 Plug with solder tags (4)
- 5 Plug with solder tags and screws (4)
- 6 Plug equipped with a diode (1N 4007)
- 7 Fuse-holder plug (for fuses 5x20 or 5x25) (4)
- 8 Plug extractor
- 9 Comb type jumper bar
- 10 IDC jumper
- 11 Shield connector



**R** See section on markers marking method

## M 4/6.S

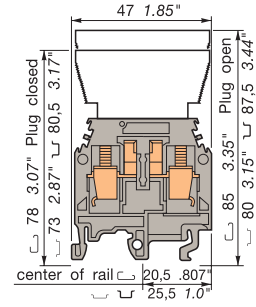
Spacing 6 mm + 0,05 (.238")



6 mm block - switch connection by polarized plug (delivered separately).

## M 6/8.S

Spacing 8 mm - 0,05 (.315")



8 mm block - switch connection by polarized plug (delivered separately).

| Colour | Type                     | Part numbers   |                    | Colour | Type                     | Part numbers                      |
|--------|--------------------------|----------------|--------------------|--------|--------------------------|-----------------------------------|
| Grey   | <input type="checkbox"/> | <b>M 4/6.S</b> | 1SNA 115 213 R1000 | Grey   | <input type="checkbox"/> | <b>M 6/8.S</b> 1SNA 115 234 R1500 |

### Characteristics

| Wire size |          | IEC                   | UL        | CSA |
|-----------|----------|-----------------------|-----------|-----|
|           |          | NFC DIN               |           |     |
| Screw     | Rigid    | 0,5-4 mm <sup>2</sup> | 22-10 AWG |     |
|           | Flexible | 0,5-4 mm <sup>2</sup> | 22-10 AWG |     |

| Voltage           |        | 160 V(5) | 600 V |
|-------------------|--------|----------|-------|
| Rated             |        |          |       |
| Impulse withstand | 2,5 kV |          |       |
| Pollution degree  | 3      |          |       |

| Current |  | 10 A | 10 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                     | 4 mm <sup>2</sup> / A4      | 10 AWG          |  |
|-----------------------|---------------------|-----------------------------|-----------------|--|
| Rated / Gauge         |                     |                             |                 |  |
| Wire stripping length | Recomm. screwdriver | Recomm. torque              | Protection      |  |
| 9,5 mm<br>.374 "      | 4 mm<br>.157"       | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |  |

### Characteristics

| Wire size |          | IEC                    | UL       | CSA |
|-----------|----------|------------------------|----------|-----|
|           |          | NFC DIN                |          |     |
| Screw     | Rigid    | 0,5-10 mm <sup>2</sup> | 22-8 AWG |     |
|           | Flexible | 0,5-6 mm <sup>2</sup>  | 22-8 AWG |     |

| Voltage           |        | 160 V(5) | 600 V |
|-------------------|--------|----------|-------|
| Rated             |        |          |       |
| Impulse withstand | 2,5 kV |          |       |
| Pollution degree  | 3      |          |       |

| Current |  | 16 A | 20 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                         | 6 mm <sup>2</sup> / A5    | 8 AWG           |  |
|-----------------------|-------------------------|---------------------------|-----------------|--|
| Rated / Gauge         |                         |                           |                 |  |
| Wire stripping length | Recomm. screwdriver     | Recomm. torque            | Protection      |  |
| 12 mm<br>.472 "       | 4-5 mm<br>.157" - .197" | 0,8-1 Nm<br>7.1-8.9 lb.in | IP 20<br>NEMA 1 |  |

| Type     | Part numbers  |                    |
|----------|---------------|--------------------|
| FEM6     | th. 2,8 mm    | 1SNA 118 368 R1600 |
| SCF6     | th. 3 mm      | 1SNA 118 707 R0300 |
| SCFM6    | th. 3 mm      | 1SNA 114 825 R0500 |
| BNS6 (1) |               | 1SNA 113 240 R0500 |
| BNSV6    |               | 1SNA 114 348 R0600 |
| BNS6DD1  |               | 1SNA 103 273 R0100 |
| BNS6DG1  |               | 1SNA 103 275 R0300 |
| EXBN2    |               | 1SNA 171 018 R2000 |
| PC61     | 35 A 10 poles | 1SNA 163 311 R2200 |
| AD2,5    | 24 A          | 1SNA 114 205 R2000 |
| CBM5     | th. 0,5 mm    | 1SNA 178 745 R1400 |
| CBM8     | th. 0,8 mm    | 1SNA 178 746 R1500 |

| Type     | Part numbers  |                    |
|----------|---------------|--------------------|
| FEM8     | th. 3 mm      | 1SNA 113 373 R2600 |
| SCFM6    | th. 3 mm      | 1SNA 114 825 R0500 |
| BNS8 (2) |               | 1SNA 113 794 R1500 |
| BNSV8    |               | 1SNA 114 349 R0700 |
| BNF5     |               | 1SNA 113 795 R1600 |
| EXBN2    |               | 1SNA 171 018 R2000 |
| PC8 (3)  | 50 A 10 poles | 1SNA 163 313 R2400 |

RC65 - RC610 Sides of block

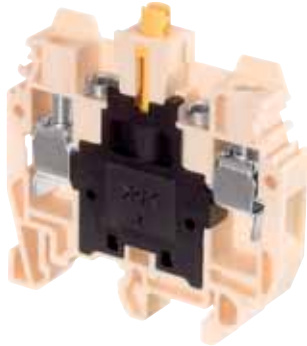
Note : (1) Soldered connection max. 23 x 8 - thickness 4 mm. (2) Soldered connection max. 23 x 8 - thickness 6 mm. (3) For other pole numbers, see accessories. (4) See choice guide for dimensions of the plug and types of fuses to be used. (5) Insulation voltage - use voltage : according fuse.

RC810 Sides of block

# Heavy duty switch terminal blocks with push-turn knob with self-cleaning contacts

## Screw clamp

DIN 1 - DIN 3



|          |  |               |               |    |              |       |
|----------|--|---------------|---------------|----|--------------|-------|
| End stop |  | th. 9 mm      | <b>BADL</b>   | V0 | 1SNA 399 903 | R0200 |
| End stop |  | th. 9,1 mm    | <b>BAM</b>    | V2 | 1SNA 103 002 | R2600 |
| End stop |  | th. 9,1 mm    | <b>BAM V0</b> | V0 | 1SNA 199 306 | R0300 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b> |    | 1SNA 174 300 | R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>    |    | 1SNA 168 500 | R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>    |    | 1SNA 168 700 | R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b> |    | 1SNA 163 050 | R0400 |

Other end stops, rails and accessories : see section on accessories.

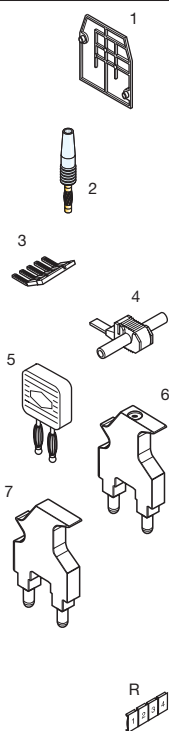
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

- Self-cleaning contacts when opening and closing.
- Corrosion-proof compression clamp \*
- Disturbed environment
- Specific for low level

\* NC screw clamps on Ivory and Green versions.

### Accessories

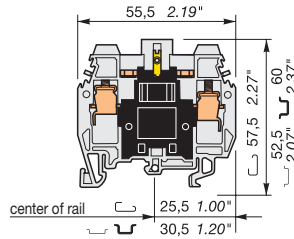


|   |                                                       |       |
|---|-------------------------------------------------------|-------|
| 1 | End section                                           | grey  |
|   |                                                       | ivory |
| 2 | Test plug                                             |       |
| 3 | Comb type jumper bar                                  | 50 A  |
|   |                                                       | 50 A  |
|   |                                                       | 50 A  |
| 4 | IDC jumper                                            |       |
| 5 | Short-circuiting plug                                 |       |
| 6 | Short-circuiting plug with test socket DIA. 4 mm/.16" |       |
| 7 | Short-circuiting plug without test                    |       |

R See section on markers marking method

## M6/8.STP.CG

Spacing 8 mm - 0,05 (.315")



Switch terminal block by a yellow push-turn knob (1/4 turn), can be sealed in the open position. Block equipped with 2 test sockets DIA. 4 mm / .16".



| Colour | Type               | Part numbers       |
|--------|--------------------|--------------------|
| Grey   | <b>M6/8.STP.CG</b> | 1SNA 206 543 R0700 |
| Ivory  | <b>ES8CG</b>       | 1SNA 400 015 R2000 |
| Green  | <b>ES8CG</b>       | 1SNA 400 014 R2700 |

### Characteristics

#### Wire size

|             |          | IEC 947-7-1            | UL | CSA |
|-------------|----------|------------------------|----|-----|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    |     |

#### Voltage

| Rated             | 800 V | 600 V | 300 V |
|-------------------|-------|-------|-------|
| Impulse withstand |       |       |       |
| Pollution degree  |       |       |       |

#### Current

|       |      |  |  |
|-------|------|--|--|
| Rated | 32 A |  |  |
|-------|------|--|--|

#### Wire size

| Rated / Gauge         | 6 mm <sup>2</sup>   | 8 AWG                  | 8 AWG      |
|-----------------------|---------------------|------------------------|------------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
| 11 mm .433"           | 4 mm .157"          | 0,8-1 Nm 7,1-8,9 lb.in | IP 10      |

### Accessories

| Type               | Part numbers       |
|--------------------|--------------------|
| FEMT1 th. 2,8 mm   | 1SNA 113 137 R0200 |
| FEMT1 th. 2,8 mm   | 1SNA 193 137 R0300 |
| FC4 DIA. 4 mm      | 1SNA 167 860 R0100 |
| PC8 2 poles        | 1SNA 116 538 R1700 |
| PC8 3 poles        | 1SNA 116 539 R1000 |
| PC8 4 poles        | 1SNA 116 540 R2500 |
| PC8 10 poles       | 1SNA 163 313 R2400 |
| AD2,5              | 1SNA 114 205 R2000 |
| BP8.A4             | 1SNA 173 888 R2000 |
| BNSTP1 light ivory | 1SNA 196 792 R1700 |
| BNSTP1 grey        | 1SNA 196 793 R1000 |
| BNSTP2 red         | 1SNA 196 789 R2400 |
| BNSTP2 grey        | 1SNA 196 790 R2100 |

RC810 Sides of block

# Heavy duty switch terminal blocks with push-turn knob

## Screw clamp

DIN 1 - DIN 3

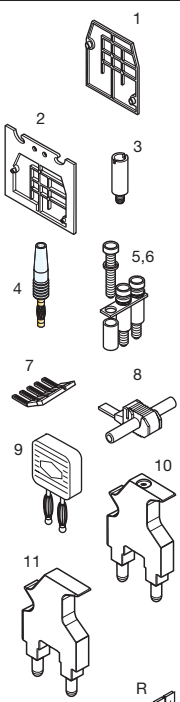
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

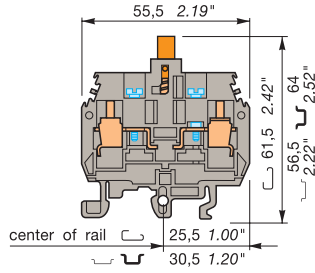


|    |                                                              |      |        |             |                    |
|----|--------------------------------------------------------------|------|--------|-------------|--------------------|
| 1  | End section                                                  | grey | FEMT1  | th. 2,8 mm  | 1SNA 113 137 R0200 |
| 2  | Circuit separator                                            | grey | SCFT1  | th. 1 mm    | 1SNA 103 588 R2600 |
| 3  | Test socket                                                  |      | FC4    | DIA. 4 mm   | 1SNA 167 860 R0100 |
| 4  | Test plug                                                    |      |        |             |                    |
| 5  | Assembled jumper bar                                         | 41 A |        |             |                    |
|    |                                                              | 41 A |        |             |                    |
|    |                                                              | 41 A |        |             |                    |
|    |                                                              | 41 A |        |             |                    |
|    |                                                              | 41 A |        |             |                    |
| 6  | Post + screw + washer IP20                                   |      |        |             |                    |
| 7  | Comb-type jumper bar                                         | 50 A | PC8    | 2 poles     | 1SNA 116 538 R1700 |
|    |                                                              | 50 A | PC8    | 3 poles     | 1SNA 116 539 R1000 |
|    |                                                              | 50 A | PC8    | 10 poles    | 1SNA 163 313 R2400 |
| 8  | IDC jumper                                                   | 24 A | AD2,5  |             | 1SNA 114 205 R2000 |
| 9  | Short-circuiting plug (with two consecutive terminal blocks) |      | BP8.A4 |             | 1SNA 173 888 R2000 |
| 10 | Short-circuiting plug with test socket DIA. 4 mm/.16"        |      | BNSTP1 | light ivory | 1SNA 196 792 R1700 |
|    |                                                              |      | BNSTP1 | grey        | 1SNA 196 793 R1000 |
|    |                                                              |      | BNSTP2 | red         | 1SNA 196 789 R2400 |
|    |                                                              |      | BNSTP2 | grey        | 1SNA 196 790 R2100 |
| 11 | Short-circuiting plug without test                           |      |        |             |                    |

R See section on markers marking method

## M 6/8.STP1

Spacing 8 mm - 0,05 (.315")



M 6/8.STP with an orange push-turn knob - Can be sealed in the open and closed position. Block equipped with 2 test sockets DIA. 4 mm / .16".

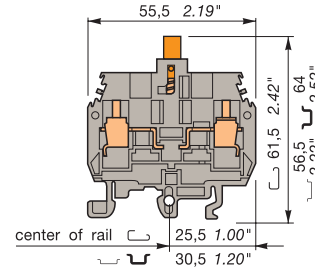
| Colour | Type                                | Part numbers       |
|--------|-------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 6/8.STP1 | 1SNA 115 529 R1500 |

| Characteristics |          |                        |            |
|-----------------|----------|------------------------|------------|
| Wire size       |          |                        |            |
|                 |          | NFC DIN                | UL         |
| Screw clamp     | Rigid    | 0,5-10 mm <sup>2</sup> | 22 - 8     |
|                 | Flexible | 0,5-6 mm <sup>2</sup>  | 8 AWG max. |

| Voltage               |                     |                           |            |
|-----------------------|---------------------|---------------------------|------------|
| Rated                 | 500 V Gr.C          |                           | 600 V      |
| Impulse withstand     |                     |                           |            |
| Pollution degree      |                     |                           |            |
| Current               |                     |                           |            |
| Rated                 | 15 A                | 40 A                      | 15 A       |
| Wire size             |                     |                           |            |
| Rated / Gauge         | 6 mm <sup>2</sup>   |                           | 8 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque            | Protection |
| 11 mm<br>.433 "       | 4 mm<br>.157"       | 0,8-1 Nm<br>7,1-8,9 lb.in | IP 10      |

## M 6/8.STP2

Spacing 8 mm - 0,05 (.315")



Switch connection by an orange push-turn knob (1/4 turn) which can be sealed in the open and closed position.

| Colour | Type                                           | Part numbers       |
|--------|------------------------------------------------|--------------------|
| Grey   | <input checked="" type="checkbox"/> M 6/8.STP2 | 1SNA 115 499 R1000 |

| Characteristics |          |                        |            |
|-----------------|----------|------------------------|------------|
| Wire size       |          |                        |            |
|                 |          | NFC DIN                | UL         |
| Screw clamp     | Rigid    | 0,5-10 mm <sup>2</sup> | 22 - 8     |
|                 | Flexible | 0,5-6 mm <sup>2</sup>  | 8 AWG max. |

| Voltage               |                     |                           |            |
|-----------------------|---------------------|---------------------------|------------|
| Rated                 | 500 V Gr.C          |                           | 600 V      |
| Impulse withstand     |                     |                           |            |
| Pollution degree      |                     |                           |            |
| Current               |                     |                           |            |
| Rated                 | 15 A                | 40 A                      | 15 A       |
| Wire size             |                     |                           |            |
| Rated / Gauge         | 6 mm <sup>2</sup>   |                           | 8 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque            | Protection |
| 11 mm<br>.433 "       | 4 mm<br>.157"       | 0,8-1 Nm<br>7,1-8,9 lb.in | IP 10      |

| Type       | Part numbers                   |
|------------|--------------------------------|
| FEMT1      | th. 2,8 mm 1SNA 113 137 R0200  |
| SCFT1      | th. 1 mm 1SNA 103 588 R2600    |
| AL4        | DIA. 4 mm 1SNA 163 240 R1700   |
| FC4 (1)    | DIA. 4 mm 1SNA 167 860 R0100   |
| BJS8       | 2 poles 1SNA 164 581 R1300     |
| BJS8       | 3 poles 1SNA 164 582 R1400     |
| BJS8       | 4 poles 1SNA 164 583 R1500     |
| BJS8       | 5 poles 1SNA 164 737 R2600     |
| BJS8       | 20 poles 1SNA 174 789 R0500    |
| EV6I       | 1SNA 206 394 R0200             |
| PC8        | 2 poles 1SNA 116 538 R1700     |
| PC8        | 3 poles 1SNA 116 539 R1000     |
| PC8        | 10 poles 1SNA 163 313 R2400    |
| AD2,5      | 1SNA 114 205 R2000             |
| BP8.A4 (1) | 1SNA 173 888 R2000             |
| BNSTP1 (1) | light ivory 1SNA 196 792 R1700 |
| BNSTP1 (1) | grey 1SNA 196 793 R1000        |
| BNSTP2 (1) | red 1SNA 196 789 R2400         |
| BNSTP2 (1) | grey 1SNA 196 790 R2100        |

RC810 Sides of block








Note : (1) For block equipped with AL4.

# Heavy duty switch terminal blocks with push-turn knob

## Screw clamp

 **DIN 1 - DIN 3**



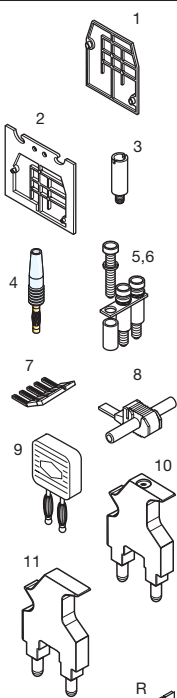
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

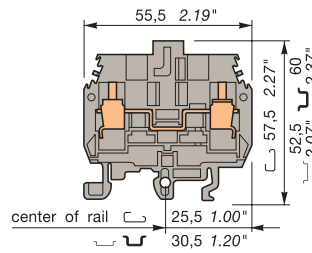


| Type                                                           | Part numbers                              |
|----------------------------------------------------------------|-------------------------------------------|
| 1 End section grey                                             | FEMT1 th. 2,8 mm 1SNA 113 137 R0200       |
| 2 Circuit separator grey                                       | SCFT1 th. 1 mm 1SNA 103 588 R2600         |
| 3 Test socket                                                  | AL4 DIA. 4 mm 1SNA 163 240 R1700          |
| 4 Test plug                                                    | FC4 (1) DIA. 4 mm 1SNA 167 860 R0100      |
| 5 Assembled jumper bar                                         | BJS8 2 poles 1SNA 164 581 R1300           |
|                                                                | BJS8 3 poles 1SNA 164 582 R1400           |
|                                                                | BJS8 4 poles 1SNA 164 583 R1500           |
|                                                                | BJS8 5 poles 1SNA 164 737 R2600           |
|                                                                | BJS8 10 poles 1SNA 164 584 R1600          |
|                                                                | BJS8 20 poles 1SNA 174 789 R0500          |
| 6 Post + screw + washer IP20                                   | EV61 1SNA 206 394 R0200                   |
| 7 Comb-type jumper bar                                         | PC8 2 poles 1SNA 116 538 R1700            |
|                                                                | PC8 3 poles 1SNA 116 539 R1000            |
|                                                                | PC8 10 poles 1SNA 163 313 R2400           |
| 8 IDC jumper                                                   | AD2,5 1SNA 114 205 R2000                  |
| 9 Short-circuiting plug (with two consecutive terminal blocks) | BP8.A4 (1) 1SNA 173 888 R2000             |
| 10 Short-circuiting plug with test socket DIA. 4 mm/.16"       | BNSTP1 (1) light ivory 1SNA 196 792 R1700 |
|                                                                | BNSTP1 (1) grey 1SNA 196 793 R1000        |
| 11 Short-circuiting plug without test                          | BNSTP2 (1) red 1SNA 196 789 R2400         |
|                                                                | BNSTP2 (1) grey 1SNA 196 790 R2100        |

**R** See section on markers marking method

## M 6/8.STP3

Spacing 8 mm - 0,05 (.315")



8 mm non disconnect terminal block.

| Colour | Type                                | Part numbers       |
|--------|-------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 6/8.STP3 | 1SNA 115 500 R2500 |

### Characteristics

| Wire size   |          | NFC DIN                | UL | CSA        |
|-------------|----------|------------------------|----|------------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 8 AWG max. |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 8 AWG max. |

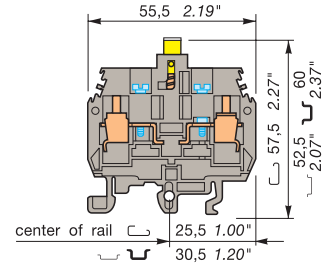
| Voltage           |  | 500 V Gr.C | 600 V |
|-------------------|--|------------|-------|
| Rated             |  |            |       |
| Impulse withstand |  |            |       |
| Pollution degree  |  |            |       |

| Current |  | 46 A | 15 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                     | 6 mm <sup>2</sup>      | 8 AWG      |
|-----------------------|---------------------|------------------------|------------|
| Rated / Gauge         |                     |                        |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
| 11 mm .433"           | 4 mm .157"          | 0,8-1 Nm 7,1-8,9 lb.in | IP 10      |

## M 6/8.STP

Spacing 8 mm - 0,05 (.315")



Switch connection by a yellow push-turn knob (1/4 turn), white on top, sealed in the open position. Block equipped with 2 test sockets DIA. 4 mm / .16".

| Colour | Type                               | Part numbers       |
|--------|------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 6/8.STP | 1SNA 115 277 R2000 |

### Characteristics

| Wire size   |          | NFC DIN                | UL       | CSA        |
|-------------|----------|------------------------|----------|------------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> | 22-8 AWG | 8 AWG max. |
|             | Flexible | 0,5-6 mm <sup>2</sup>  | 22-8 AWG | 8 AWG max. |

| Voltage           |  | 500 V Gr.C | 600 V | 600 V |
|-------------------|--|------------|-------|-------|
| Rated             |  |            |       |       |
| Impulse withstand |  |            |       |       |
| Pollution degree  |  |            |       |       |

| Current |  | 15 A | 40 A | 15 A |
|---------|--|------|------|------|
| Rated   |  |      |      |      |

| Wire size             |                     | 6 mm <sup>2</sup>      | 8 AWG      | 8 AWG |
|-----------------------|---------------------|------------------------|------------|-------|
| Rated / Gauge         |                     |                        |            |       |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |       |
| 11 mm .433"           | 4 mm .157"          | 0,8-1 Nm 7,1-8,9 lb.in | IP 10      |       |

| Type                   | Part numbers       |
|------------------------|--------------------|
| FEMT1 th. 2,8 mm       | 1SNA 113 137 R0200 |
| SCFT1 th. 1 mm         | 1SNA 103 588 R2600 |
| AL4 DIA. 4 mm          | 1SNA 163 240 R1700 |
| FC4 (1) DIA. 4 mm      | 1SNA 167 860 R0100 |
| BJS8 2 poles           | 1SNA 164 581 R1300 |
| BJS8 3 poles           | 1SNA 164 582 R1400 |
| BJS8 4 poles           | 1SNA 164 583 R1500 |
| BJS8 5 poles           | 1SNA 164 737 R2600 |
| BJS8 10 poles          | 1SNA 164 584 R1600 |
| BJS8 20 poles          | 1SNA 174 789 R0500 |
| EV61                   | 1SNA 206 394 R0200 |
| PC8 2 poles            | 1SNA 116 538 R1700 |
| PC8 3 poles            | 1SNA 116 539 R1000 |
| PC8 10 poles           | 1SNA 163 313 R2400 |
| AD2,5                  | 1SNA 114 205 R2000 |
| BP8.A4 (1)             | 1SNA 173 888 R2000 |
| BNSTP1 (1) light ivory | 1SNA 196 792 R1700 |
| BNSTP1 (1) grey        | 1SNA 196 793 R1000 |
| BNSTP2 (1) red         | 1SNA 196 789 R2400 |
| BNSTP2 (1) grey        | 1SNA 196 790 R2100 |

| Type               | Part numbers       |
|--------------------|--------------------|
| FEMT1 th. 2,8 mm   | 1SNA 113 137 R0200 |
| SCFT1 th. 1 mm     | 1SNA 103 588 R2600 |
| FC4 DIA. 4 mm      | 1SNA 167 860 R0100 |
| PC8 2 poles        | 1SNA 116 538 R1700 |
| PC8 3 poles        | 1SNA 116 539 R1000 |
| PC8 10 poles       | 1SNA 163 313 R2400 |
| AD2,5              | 1SNA 114 205 R2000 |
| BP8.A4             | 1SNA 173 888 R2000 |
| BNSTP1 light ivory | 1SNA 196 792 R1700 |
| BNSTP1 grey        | 1SNA 196 793 R1000 |
| BNSTP2 red         | 1SNA 196 789 R2400 |
| BNSTP2 grey        | 1SNA 196 790 R2100 |

RC810 Sides of block

Note : (1) For block equipped with AL4.

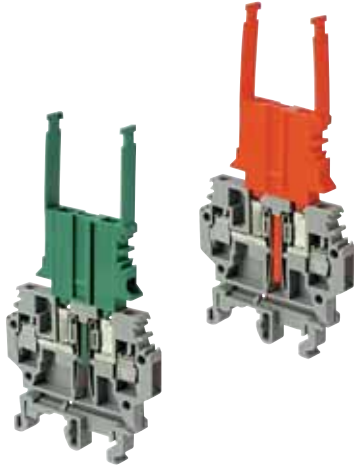
RC810 Sides of block



# Terminal blocks for metering circuits

## Screw clamp

DIN 1 - DIN 3



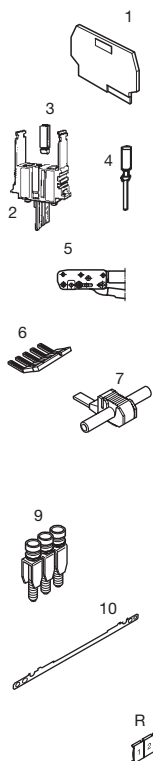
|          |               |         |    |                    |
|----------|---------------|---------|----|--------------------|
| End stop | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us. Metering is carried out easily by means of a plug connected to a metering instrument without disturbing the wiring.

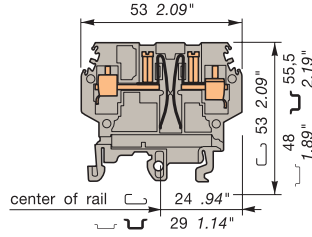
### Accessories



|    |                                       |       |         |               |                    |
|----|---------------------------------------|-------|---------|---------------|--------------------|
| 1  | End section                           | grey  | FEMT3   | th. 2,5 mm    | 1SNA 114 328 R2200 |
|    |                                       | beige | FEMT3V0 | V0 th. 2,5 mm | 1SNA 194 328 R2300 |
| 2  | Plug                                  |       | BNT1    | (3) red       | 1SNA 105 012 R1100 |
|    |                                       |       | BNT1 V0 | (3) red       | 1SNA 199 135 R1700 |
|    |                                       |       | BNT2    | (3) grey      | 1SNA 114 329 R2300 |
|    |                                       |       | BNT2 V0 | (3) beige     | 1SNA 194 329 R2400 |
|    |                                       |       | BNT3    | (3) green     | 1SNA 105 011 R1000 |
|    |                                       |       | BNT3 V0 | (3) green     | 1SNA 199 136 R1000 |
| 3  | Assembly key for plugs                |       | CVABM   | (3)           | 1SNA 183 436 R0500 |
| 4  | Crimped pins                          |       | BRC     | (3)           | 1SNA 174 558 R0500 |
|    | 24-20 AWG 0,22 to 0,5 mm <sup>2</sup> |       | BRC     | (3)           | 1SNA 173 906 R2200 |
|    | 18 AWG 1 mm <sup>2</sup>              |       | BRC     | (3)           | 1SNA 173 907 R2300 |
|    | 16 AWG 1,5 mm <sup>2</sup>            |       | BRC     | (3)           | 1SNA 173 908 R0400 |
|    | 14 AWG 2,5 mm <sup>2</sup>            |       | BRC     | (3)           | 1SNA 173 908 R0400 |
|    | 12 AWG 4 mm <sup>2</sup>              |       | BRC     | (3)           | 1SNA 174 601 R0100 |
| 5  | Crimping tool for BRC                 |       | PSC     | (3)           | 1SNA 173 181 R1300 |
| 6  | Comb-type jumper bar                  |       | PC61    | 35 A 10 poles | 1SNA 163 311 R2200 |
| 7  | IDC jumper                            |       | AD2,5   |               | 1SNA 114 205 R2000 |
| 9  | Assembled jumper bar                  | 57 A  |         |               |                    |
|    | (with IP20 protection)                | 57 A  |         |               |                    |
|    |                                       | 57 A  |         |               |                    |
|    |                                       | 57 A  |         |               |                    |
| 10 | Shield connector                      |       | CBM5    | th. 0,5 mm    | 1SNA 178 745 R1400 |
|    |                                       |       | CBM8    | th. 0,8 mm    | 1SNA 178 746 R1500 |
| R  | See section on markers marking method |       |         |               |                    |

## M 4/6.ST

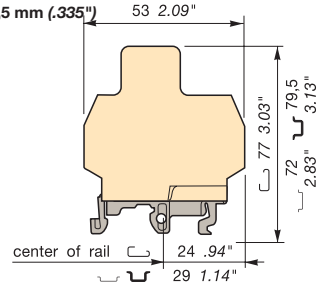
Spacing 6 mm (.236")



Standard terminal block delivered without plug.

## M 4/8,5.STI

Spacing 8,5 mm (.335")



M 4/6.ST block equipped with a keyed end section recommended for "current" circuits. Delivered without plug.

| Colour                  | Type                                    | Part numbers       | Colour   | Type                                       | Part numbers       |
|-------------------------|-----------------------------------------|--------------------|----------|--------------------------------------------|--------------------|
| Tinned contact blades   |                                         |                    |          |                                            |                    |
| Grey                    | <input type="checkbox"/> M 4/6.ST.Sn    | 1SNA 115 313 R1400 | Grey     | <input type="checkbox"/> M 4/8,5.STI.Sn    | 1SNA 115 315 R1600 |
| Beige V0                | <input type="checkbox"/> M 4/6.ST.Sn.V0 | 1SNA 195 313 R1500 | Beige V0 | <input type="checkbox"/> M 4/8,5.STI.Sn.V0 | 1SNA 195 315 R1700 |
| Gold contact blades (2) |                                         |                    |          |                                            |                    |
| Grey                    | <input type="checkbox"/> M 4/6.ST.Au    | 1SNA 115 314 R1500 | Grey     | <input type="checkbox"/> M 4/8,5.STI.Au    | 1SNA 115 316 R1700 |
| Beige V0                | <input type="checkbox"/> M 4/6.ST.Au.V0 | 1SNA 195 314 R1600 | Beige V0 | <input type="checkbox"/> M 4/8,5.STI.Au.V0 | 1SNA 195 316 R1000 |

### Characteristics

| Wire size      |          | NFC DIN                                                | UL        | CSA       |
|----------------|----------|--------------------------------------------------------|-----------|-----------|
| Screw clamp    | Rigid    | 0,5-4 mm <sup>2</sup>                                  | 22-12 AWG | 22-12 AWG |
|                | Flexible | 0,5-4 mm <sup>2</sup>                                  | 22-12 AWG | 22-12 AWG |
| Crimped (plug) |          | 0,22 to 2,5 mm <sup>2</sup> according to pin 24-12 AWG |           |           |

| Voltage           |  | 500 V Gr.C | 300 V | 150 V |
|-------------------|--|------------|-------|-------|
| Impulse withstand |  |            |       |       |
| Pollution degree  |  |            |       |       |

| Current |  | 5 A (1) | 10 A | 5 A |
|---------|--|---------|------|-----|
|---------|--|---------|------|-----|

| Wire size             |                     | 4 mm <sup>2</sup>        | 12 AWG     | 12 AWG |
|-----------------------|---------------------|--------------------------|------------|--------|
| Rated / Gauge         |                     |                          |            |        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection |        |
| 9,5 mm .374 "         | 4 mm .157"          | 0,5-0,8 Nm 4,4-7,1 lb.in |            |        |

### Characteristics

| Wire size      |          | NFC DIN                                                | UL | CSA       |
|----------------|----------|--------------------------------------------------------|----|-----------|
| Screw clamp    | Rigid    | 0,5-4 mm <sup>2</sup>                                  |    | 22-12 AWG |
|                | Flexible | 0,5-4 mm <sup>2</sup>                                  |    | 22-12 AWG |
| Crimped (plug) |          | 0,22 to 2,5 mm <sup>2</sup> according to pin 24-12 AWG |    |           |

| Voltage           |  | 500 V Gr.C |  | 150 V |
|-------------------|--|------------|--|-------|
| Impulse withstand |  |            |  |       |
| Pollution degree  |  |            |  |       |

| Current |  | 5 A (1) |  | 5 A |
|---------|--|---------|--|-----|
|---------|--|---------|--|-----|

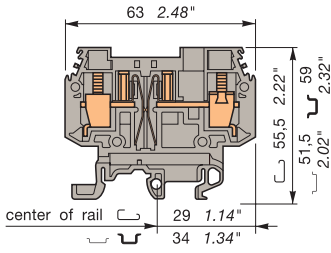
| Wire size             |                     | 4 mm <sup>2</sup>        |            | 12 AWG |
|-----------------------|---------------------|--------------------------|------------|--------|
| Rated / Gauge         |                     |                          |            |        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection |        |
| 9,5 mm .374 "         | 4 mm .157"          | 0,5-0,8 Nm 4,4-7,1 lb.in |            |        |

| Type    | Part numbers                  | Type    | Part numbers                  |
|---------|-------------------------------|---------|-------------------------------|
| BNT3    | (3) green 1SNA 105 011 R1000  | BNT3    | (3) green 1SNA 105 011 R1000  |
| BNT3 V0 | (3) green 1SNA 199 136 R1000  | BNT3 V0 | (3) green 1SNA 199 136 R1000  |
| BRC     | (3) 1SNA 174 558 R0500        | BRC     | (3) 1SNA 174 558 R0500        |
| BRC     | (3) 1SNA 173 906 R2200        | BRC     | (3) 1SNA 173 906 R2200        |
| BRC     | (3) 1SNA 173 907 R2300        | BRC     | (3) 1SNA 173 907 R2300        |
| BRC     | (3) 1SNA 173 908 R0400        | BRC     | (3) 1SNA 173 908 R0400        |
| BRC     | (3) 1SNA 174 601 R0100        | BRC     | (3) 1SNA 174 601 R0100        |
| BRC     | (3) 1SNA 173 181 R1300        | BRC     | (3) 1SNA 173 181 R1300        |
| AD2,5   | 1SNA 114 205 R2000            | AD2,5   | 1SNA 114 205 R2000            |
| CBM5    | th. 0,5 mm 1SNA 178 745 R1400 | CBM5    | th. 0,5 mm 1SNA 178 745 R1400 |
| CBM8    | th. 0,8 mm 1SNA 178 746 R1500 | CBM8    | th. 0,8 mm 1SNA 178 746 R1500 |

Note : (1) Maximum withstand current : 30 A - 1 second. (2) With gold contact blades (Au-Ni) low level use : current min. = 1 mA - voltage min. = 1 V. (3) Use AMP 47 386 crimping tool for 24-22 AWG conductors and AMP 47 387 for 16 AWG and larger conductors. For crimping and assembly data : see section on modular test connectors.

**M 10/10.ST-Sn**

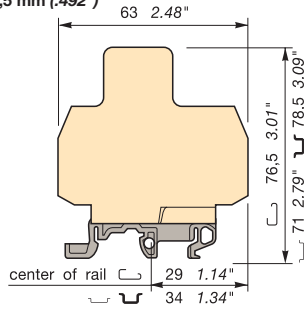
Spacing 10 mm (.394")



Standard terminal block delivered without plug.

**M 10/12,5.STI-Sn**

Spacing 12,5 mm (.492")



M 10/10.ST-Sn block equipped with a keyed end section recommended for "current" circuits. Delivered without plug.



| Colour                | Type             | Part numbers       |
|-----------------------|------------------|--------------------|
| Tinned contact blades |                  |                    |
| Grey                  | M 10/10.ST-Sn    | 1SNA 115 539 R1700 |
| Beige V0              | M 10/10.ST-Sn.V0 | 1SNA 195 539 R1000 |

**Characteristics**

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> |    | 20-8 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> |    | 20-8 AWG |

| Voltage           |  | 500 V Gr.C | 300 V |
|-------------------|--|------------|-------|
| Rated             |  |            |       |
| Impulse withstand |  |            |       |
| Pollution degree  |  |            |       |

| Current |  | 15 A (1) | 10 A |
|---------|--|----------|------|
| Rated   |  |          |      |

| Wire size             |                     | 10 mm <sup>2</sup> | 8 AWG      |
|-----------------------|---------------------|--------------------|------------|
| Rated / Gauge         |                     |                    |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque     | Protection |
| 12 mm                 | 5,5-6 mm            | 1,2-1,4 Nm         |            |
| .472"                 | .217" - .236"       | 10.6-12.3 lb.in    |            |

**Type Part numbers**

|         |            |                    |
|---------|------------|--------------------|
| FEMT5   | th. 2,5 mm | 1SNA 116 781 R1300 |
| FEMT5V0 | th. 2,5 mm | 1SNA 196 781 R1400 |
| BNT1    | red        | 1SNA 105 012 R1100 |
| BNT1 V0 | red        | 1SNA 199 135 R1700 |
| BNT2    | grey       | 1SNA 114 329 R2300 |
| BNT2 V0 | beige      | 1SNA 194 329 R2400 |
| BNT3    | green      | 1SNA 105 011 R1000 |
| BNT3 V0 | green      | 1SNA 199 136 R1000 |
| CVABM1  |            | 1SNA 116 783 R1500 |

|         |               |                    |
|---------|---------------|--------------------|
| BRC (2) |               | 1SNA 174 558 R0500 |
| BRC (2) |               | 1SNA 173 906 R2200 |
| BRC (2) |               | 1SNA 173 907 R2300 |
| BRC (2) |               | 1SNA 173 908 R0400 |
| BRC (2) |               | 1SNA 174 601 R0100 |
| PSC (2) |               | 1SNA 173 181 R1300 |
| PC10    | 70 A 10 poles | 1SNA 163 315 R2600 |
| AD2,5   | 24 A          | 1SNA 114 205 R2000 |

|        |               |                    |
|--------|---------------|--------------------|
| BJMI10 | 57 A 5 poles  | 1SNA 176 678 R1700 |
| BJMI10 | 57 A 4 poles  | 1SNA 176 677 R0600 |
| BJMI10 | 57 A 3 poles  | 1SNA 176 676 R0500 |
| BJMI10 | 57 A 2 poles  | 1SNA 176 675 R0400 |
| BJMI10 | 57 A 10 poles | 1SNA 176 679 R1000 |
| CBM5   | th. 0,5 mm    | 1SNA 178 745 R1400 |
| CBM8   | th. 0,8 mm    | 1SNA 178 746 R1500 |

RC55 - RC510 RC1010

Note : (1) Maximum withstand current.  
(2) Crimping and assembly : see section on modular connectors.



| Colour                | Type                | Part numbers       |
|-----------------------|---------------------|--------------------|
| Tinned contact blades |                     |                    |
| Grey                  | M 10/12,5.STI-Sn    | 1SNA 115 540 R2400 |
| Beige V0              | M 10/12,5.STI-Sn.V0 | 1SNA 195 540 R2500 |

**Characteristics**

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> |    | 20-8 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> |    | 20-8 AWG |

| Voltage           |  | 500 V Gr.C | 300 V |
|-------------------|--|------------|-------|
| Rated             |  |            |       |
| Impulse withstand |  |            |       |
| Pollution degree  |  |            |       |

| Current |  | 15 A (1) | 10 A |
|---------|--|----------|------|
| Rated   |  |          |      |

| Wire size             |                     | 10 mm <sup>2</sup> | 8 AWG      |
|-----------------------|---------------------|--------------------|------------|
| Rated / Gauge         |                     |                    |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque     | Protection |
| 12 mm                 | 5,5-6 mm            | 1,2-1,4 Nm         |            |
| .472"                 | .217" - .236"       | 10.6-12.3 lb.in    |            |

**Type Part numbers**

|         |       |                    |
|---------|-------|--------------------|
| BNT3    | green | 1SNA 105 011 R1000 |
| BNT3 V0 | green | 1SNA 199 136 R1000 |
| CVABM1  |       | 1SNA 116 783 R1500 |

|         |      |                    |
|---------|------|--------------------|
| BRC (2) |      | 1SNA 174 558 R0500 |
| BRC (2) |      | 1SNA 173 906 R2200 |
| BRC (2) |      | 1SNA 173 907 R2300 |
| BRC (2) |      | 1SNA 173 908 R0400 |
| BRC (2) |      | 1SNA 174 601 R0100 |
| PSC (2) |      | 1SNA 173 181 R1300 |
| AD2,5   | 24 A | 1SNA 114 205 R2000 |

|      |            |                    |
|------|------------|--------------------|
| CBM5 | th. 0,5 mm | 1SNA 178 745 R1400 |
| CBM8 | th. 0,8 mm | 1SNA 178 746 R1500 |

RC65 - RC610 RC1010

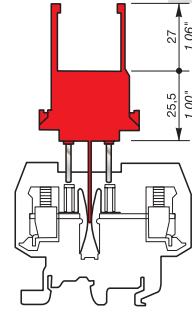
**Utilization of each type of plug**

Number of operations : 200

On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

**BNT1** ("voltage" plug)

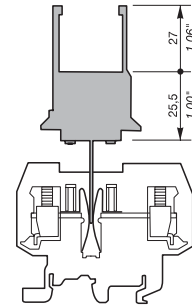
Red "Break before make" 1SNA 105 012 R1100  
Red V0 1SNA 199 135 R1700



1<sup>st</sup> step : the plug cuts the circuit.  
2<sup>nd</sup> step : the test circuit connection is made.

**BNT2** ("polarity" plug)

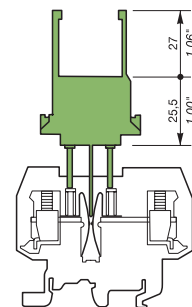
Grey 1SNA 114 329 R2300  
Beige V0 1SNA 194 329 R2400



Plug not equipped with pins cuts the circuit.

**BNT3** ("current" plug)

Green "Make before break" 1SNA 105 011 R1000  
Green V0 1SNA 199 136 R1000



1<sup>st</sup> step : the test circuit is established.  
2<sup>nd</sup> step : the plug opens the circuit.



# Terminal blocks for test circuits

## Screw clamp

DIN 1 - DIN 3



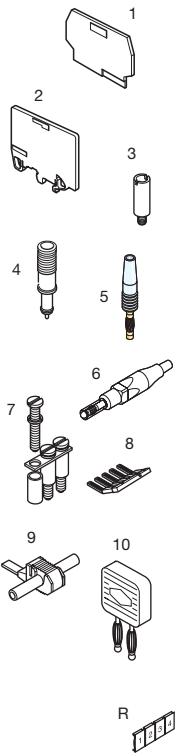
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us. The terminal blocks of the M 6/8.ST series are called test blocks as their main function in current transformer circuits is to be able to test, measure, compare, change a protection or metering equipment without disturbing the circuits.

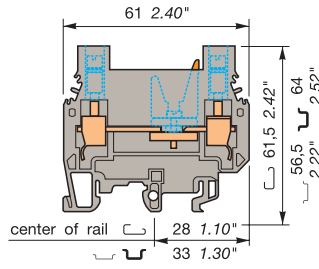
### Accessories



|    |                                                              |       |           |           |                    |
|----|--------------------------------------------------------------|-------|-----------|-----------|--------------------|
| 1  | End section                                                  | grey  | FEMSTA    | th. 3 mm  | 1SNA 116 979 R2100 |
|    |                                                              | grey  | FEMT4     | th. 3 mm  | 1SNA 114 778 R0500 |
|    |                                                              | beige | FEMSTA V0 | th. 3 mm  | 1SNA 196 979 R2200 |
| 2  | Circuit separator                                            | grey  |           |           |                    |
| 3  | Test socket                                                  |       |           |           |                    |
| 4  | Test device                                                  |       |           |           |                    |
| 5  | Test plug                                                    |       | FC4       | DIA. 4 mm | 1SNA 167 860 R0100 |
| 6  | Test plug with IP20 mobile protection                        | red   | FC4-1     | DIA. 4 mm | 1SNA 167 927 R1000 |
| 7  | Jumper bar not assembled                                     |       |           |           |                    |
|    | Post + screw + washer                                        |       |           |           |                    |
| 8  | Comb type jumper bar                                         |       | PC8       | 2 poles   | 1SNA 116 538 R1700 |
|    |                                                              |       | PC8       | 3 poles   | 1SNA 116 539 R1000 |
|    |                                                              |       | PC8       | 4 poles   | 1SNA 116 540 R2500 |
|    |                                                              |       | PC8       | 10 poles  | 1SNA 163 313 R2400 |
| 9  | IDC jumper                                                   |       | AD2,5     |           | 1SNA 114 205 R2000 |
| 10 | Short circuiting plug (with two consecutive terminal blocks) |       | BP8.A4    |           | 1SNA 173 888 R2000 |
| R  | See section on markers marking method                        |       |           |           |                    |

## M 6/8.STA

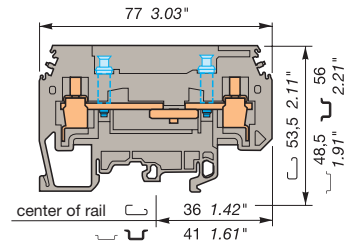
Spacing 8 mm - 0,05 (.315")



Switch connection by orange sliding link equipped with two test socket screws DIA. 4 mm / .16".

## M 6/8.ST1

Spacing 8 mm - 0,05 (.315")



Switch connection by IP20 sliding link (yellow), to be operated with screwdriver, equipped with two test socket DIA. 4 mm / .16".

| Colour   | Type         | Part numbers       |
|----------|--------------|--------------------|
| Grey     | M 6/8.STA    | 1SNA 115 359 R0200 |
| Beige V0 | M 6/8.STA V0 | 1SNA 195 359 R0300 |

| Colour            | Type      | Part numbers       |
|-------------------|-----------|--------------------|
| Grey with test    | M 6/8.ST1 | 1SNA 115 237 R1000 |
| Grey without test | M 6/8.ST  | 1SNA 115 236 R1700 |

### Characteristics

| Wire size   |          | NFC DIN                | UL       | CSA |
|-------------|----------|------------------------|----------|-----|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> | 22-8 AWG |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  | 22-8 AWG |     |

### Characteristics

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 18-8 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 18-8 AWG |

| Voltage               |                     | 500 V Gr.C             | 600 V      |  |
|-----------------------|---------------------|------------------------|------------|--|
| Rated                 |                     |                        |            |  |
| Impulse withstand     |                     |                        |            |  |
| Pollution degree      |                     |                        |            |  |
| Current               |                     | 30 A                   | 50 A       |  |
| Rated                 |                     |                        |            |  |
| Wire size             |                     | 6 mm <sup>2</sup> / A5 | 8 AWG      |  |
| Rated / Gauge         |                     |                        |            |  |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |  |
| 11 mm .43"            | 5,5 mm .217"        | 0,8-1 Nm 7.1-8.9 lb.in |            |  |

| Voltage               |                     | 500 V Gr.C             |              | 150 V |
|-----------------------|---------------------|------------------------|--------------|-------|
| Rated                 |                     |                        |              |       |
| Impulse withstand     |                     |                        |              |       |
| Pollution degree      |                     |                        |              |       |
| Current               |                     | 30 A                   |              | 30 A  |
| Rated                 |                     |                        |              |       |
| Wire size             |                     | 6 mm <sup>2</sup> / A5 |              | 8 AWG |
| Rated / Gauge         |                     |                        |              |       |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection   |       |
| 13 mm .51"            | 5 mm .197"          | 0,8-1 Nm 7.1-8.9 lb.in | IP 20 NEMA 1 |       |

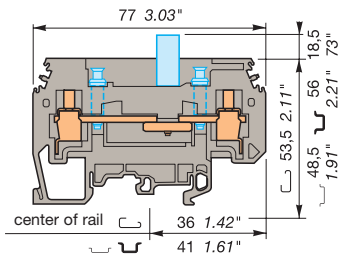
| Type   | Part numbers                |
|--------|-----------------------------|
| PC8    | 2 poles 1SNA 116 538 R1700  |
| PC8    | 3 poles 1SNA 116 539 R1000  |
| PC8    | 4 poles 1SNA 116 540 R2500  |
| PC8    | 10 poles 1SNA 163 313 R2400 |
| AD2,5  | 1SNA 114 205 R2000          |
| BP8.A4 | 1SNA 173 888 R2000          |
| RC810  |                             |

| Type     | Part numbers                       |
|----------|------------------------------------|
| FEMT2    | th. 1 mm 1SNA 113 629 R2700        |
| FEMT2 V0 | th. 1 mm 1SNA 193 629 R2000        |
| SCFT2    | 1SNA 114 522 R0500                 |
| AL4      | (2) DIA. 4 mm 1SNA 163 240 R1700   |
| DCO      | (2) orange 1SNA 173 060 R0000      |
| FC4      | DIA. 4 mm 1SNA 167 860 R0100       |
| FC4-1    | DIA. 4 mm 1SNA 167 927 R1000       |
| BJS8     | (1)(2) 15 poles 1SNA 174 788 R0400 |
| BJS8     | (1)(2) 20 poles 1SNA 174 789 R0500 |
| EV8S     | (1)(2) 1SNA 168 401 R0300          |
| PC8      | 2 poles 1SNA 116 538 R1700         |
| PC8      | 3 poles 1SNA 116 539 R1000         |
| PC8      | 4 poles 1SNA 116 540 R2500         |
| PC8      | 10 poles 1SNA 163 313 R2400        |
| AD2,5    | 1SNA 114 205 R2000                 |
| BP8.A4   | 1SNA 173 888 R2000                 |
| RC810    |                                    |

Note : (1) Use of these accessories requires the user to cut out the partition. (2) For block without test sockets (M 6/8.ST) only.

**M 6/8.ST3**

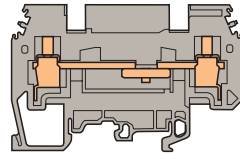
Spacing 8 mm - 0,05 (.315")



M 6/8.ST with sliding link operated by an insulated rod, equipped with two test sockets DIA. 4 mm/.16"

**M 6/8.ST6**

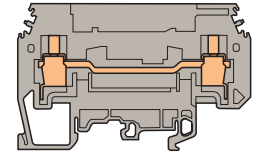
Spacing 8 mm - 0,05 (.315")



M 6/8.ST with partition on right and left for jumper bar.

**M 6/8.ST7**

Spacing 8 mm - 0,05 (.315")



M 6/8.ST non interruptible (standard "feed-through" connection).

| Colour                                     | Type             | Part numbers       | Colour                        | Type             | Part numbers       |
|--------------------------------------------|------------------|--------------------|-------------------------------|------------------|--------------------|
| Grey with test <input type="checkbox"/>    | <b>M 6/8.ST3</b> | 1SNA 115 239 R2200 | Grey <input type="checkbox"/> | <b>M 6/8.ST6</b> | 1SNA 115 242 R2500 |
| Grey without test <input type="checkbox"/> | <b>M 6/8.ST2</b> | 1SNA 115 238 R2100 |                               |                  |                    |
|                                            |                  |                    |                               |                  |                    |
|                                            |                  |                    |                               |                  |                    |

**Characteristics**

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 18-8 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 18-8 AWG |
|             |          |                        |    |          |
|             |          |                        |    |          |

| Voltage           |  | 500 V Gr.C | 150 V |
|-------------------|--|------------|-------|
| Rated             |  |            |       |
| Impulse withstand |  |            |       |
| Pollution degree  |  |            |       |

| Current |  | 30 A | 30 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                        |                           |                 |
|-----------------------|------------------------|---------------------------|-----------------|
| Rated / Gauge         | 6 mm <sup>2</sup> / A5 | 8 AWG                     |                 |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque            | Protection      |
| 13 mm<br>.512"        | 5 mm<br>.197"          | 0,8-1 Nm<br>7.1-8.9 lb.in | IP 20<br>NEMA 1 |

**Characteristics**

| Wire size   |          | NFC DIN              | UL | CSA      |
|-------------|----------|----------------------|----|----------|
| Screw clamp | Rigid    | 0-10 mm <sup>2</sup> |    | 18-8 AWG |
|             | Flexible | 0-6 mm <sup>2</sup>  |    | 18-8 AWG |
|             |          |                      |    |          |
|             |          |                      |    |          |

| Voltage           |  | 500 V | 150 V |
|-------------------|--|-------|-------|
| Rated             |  |       |       |
| Impulse withstand |  |       |       |
| Pollution degree  |  |       |       |

| Current |  | 30 A | 30 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                        |                           |                 |
|-----------------------|------------------------|---------------------------|-----------------|
| Rated / Gauge         | 6 mm <sup>2</sup> / A5 | 8 AWG                     |                 |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque            | Protection      |
| 13 mm<br>.512"        | 5 mm<br>.197"          | 0,8-1 Nm<br>7.1-8.9 lb.in | IP 20<br>NEMA 1 |

**Characteristics**

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 18-8 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 18-8 AWG |
|             |          |                        |    |          |
|             |          |                        |    |          |

| Voltage           |  | 500 V | 150 V |
|-------------------|--|-------|-------|
| Rated             |  |       |       |
| Impulse withstand |  |       |       |
| Pollution degree  |  |       |       |

| Current |  | 30 A | 40 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                        |                           |                 |
|-----------------------|------------------------|---------------------------|-----------------|
| Rated / Gauge         | 6 mm <sup>2</sup> / A5 | 8 AWG                     |                 |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque            | Protection      |
| 13 mm<br>.512"        | 5 mm<br>.197"          | 0,8-1 Nm<br>7.1-8.9 lb.in | IP 20<br>NEMA 1 |

| Type        | Part numbers |                    | Type        | Part numbers |                    | Type        | Part numbers |                    |
|-------------|--------------|--------------------|-------------|--------------|--------------------|-------------|--------------|--------------------|
| FEMT2       | th. 1 mm     | 1SNA 113 629 R2700 | FEMT2       | th. 1 mm     | 1SNA 113 629 R2700 | FEMT2       | th. 1 mm     | 1SNA 113 629 R2700 |
| FEMT2 V0    | th. 1 mm     | 1SNA 193 629 R2000 | FEMT2 V0    | th. 1 mm     | 1SNA 193 629 R2000 | FEMT2 V0    | th. 1 mm     | 1SNA 193 629 R2000 |
| SCFT2       |              | 1SNA 114 522 R0500 | SCFT2       |              | 1SNA 114 522 R0500 | SCFT2       |              | 1SNA 114 522 R0500 |
| AL4 (2)     | DIA. 4 mm    | 1SNA 163 240 R1700 | AL4 (2)     | DIA. 4 mm    | 1SNA 163 240 R1700 | AL4 (2)     | DIA. 4 mm    | 1SNA 163 240 R1700 |
| DCO (2)     | orange       | 1SNA 173 060 R0000 | DCO (2)     | orange       | 1SNA 173 060 R0000 | DCO (2)     | orange       | 1SNA 173 060 R0000 |
| FC4         | DIA. 4 mm    | 1SNA 167 860 R0100 | FC4         | DIA. 4 mm    | 1SNA 167 860 R0100 | FC4         | DIA. 4 mm    | 1SNA 167 860 R0100 |
| FC4-1       | DIA. 4 mm    | 1SNA 167 927 R1000 | FC4-1       | DIA. 4 mm    | 1SNA 167 927 R1000 | FC4-1       | DIA. 4 mm    | 1SNA 167 927 R1000 |
| BJS8 (1)(2) | 15 poles     | 1SNA 174 788 R0400 | BJS8 (1)(2) | 15 poles     | 1SNA 174 788 R0400 | BJS8 (1)(2) | 15 poles     | 1SNA 174 788 R0400 |
| BJS8 (1)(2) | 20 poles     | 1SNA 174 789 R0500 | BJS8 (1)(2) | 20 poles     | 1SNA 174 789 R0500 | BJS8 (1)(2) | 20 poles     | 1SNA 174 789 R0500 |
| EV8S (1)(2) |              | 1SNA 168 401 R0300 | EV8S (1)(2) |              | 1SNA 168 401 R0300 | EV8S (1)(2) |              | 1SNA 168 401 R0300 |
| PC8         | 2 poles      | 1SNA 116 538 R1700 | PC8         | 2 poles      | 1SNA 116 538 R1700 | PC8         | 2 poles      | 1SNA 116 538 R1700 |
| PC8         | 3 poles      | 1SNA 116 539 R1000 | PC8         | 3 poles      | 1SNA 116 539 R1000 | PC8         | 3 poles      | 1SNA 116 539 R1000 |
| PC8         | 4 poles      | 1SNA 116 540 R2500 | PC8         | 4 poles      | 1SNA 116 540 R2500 | PC8         | 4 poles      | 1SNA 116 540 R2500 |
| PC8         | 10 poles     | 1SNA 163 313 R2400 | PC8         | 10 poles     | 1SNA 163 313 R2400 | PC8         | 10 poles     | 1SNA 163 313 R2400 |
| AD2,5       |              | 1SNA 114 205 R2000 | AD2,5       |              | 1SNA 114 205 R2000 | AD2,5       |              | 1SNA 114 205 R2000 |
| BP8.A4      |              | 1SNA 173 888 R2000 | BP8.A4      |              | 1SNA 173 888 R2000 | BP8.A4      |              | 1SNA 173 888 R2000 |

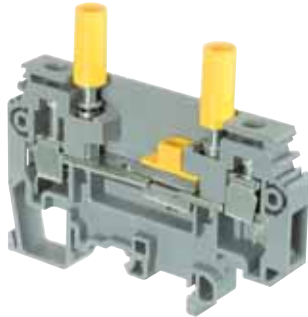
RC810  
Note : (1) Use of these accessories requires the user to cut out the partition.  
(2) For block without test sockets (M 6/8.ST2) only.

RC810

## Terminal blocks for test circuits with insulated sliding bridge

### Screw clamp

DIN 1 - DIN 3



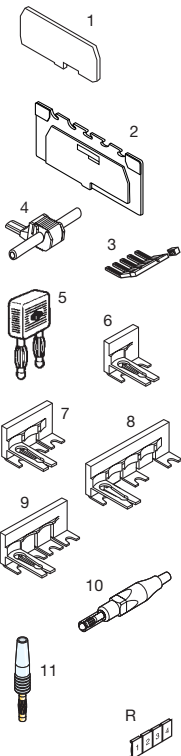
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us. The terminal blocks of the M 6/8.ST series are called test blocks as their main function in current transformer circuits is to be able to test, measure, compare, change a protection or metering equipment without disturbing the circuits.

### Accessories

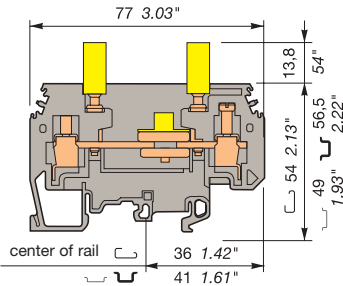


- 1 End section beige
- 2 Separator end section beige
- 3 Comb type jumper bar
- 4 IDC jumper
- 5 Short circuiting plug (with two consecutive terminal blocks)
- 6 Sliding switch bridge 2 poles
- 7 Sliding switch bridge 3 poles
- 8 Sliding switch bridge 3 poles
- 9 Sliding switch bridge 4 poles
- 10 Test plug with IP20 mobile protection red
- 11 Test plug

R See section on markers marking method

## M 6/8.ST1.V2.IP20

Spacing 8 mm - 0,05 (.315")



Switch connection by IP20 sliding link (yellow), to be operated by screwdriver, equipped with 2 IP20 test sockets Ø 4 mm / .16" (yellow).

| Colour   | Type                     | Part numbers                         | Colour | Type | Part numbers |
|----------|--------------------------|--------------------------------------|--------|------|--------------|
| Grey V2  | <input type="checkbox"/> | M 6/8.ST1.V2.IP20 1SNA 115 971 R1000 |        |      |              |
| Beige V0 | <input type="checkbox"/> | M 6/8.ST1.V0.IP20 1SNA 195 639 R2400 |        |      |              |

| Characteristics |          |                        |     | Characteristics |          |     |     |
|-----------------|----------|------------------------|-----|-----------------|----------|-----|-----|
| Wire size       |          |                        |     | Wire size       |          |     |     |
|                 |          | IEC                    | UL  |                 |          | IEC | UL  |
|                 |          | NFC                    | DIN |                 |          | NFC | DIN |
| Screw clamp     | Rigid    | 0,5-10 mm <sup>2</sup> |     | Screw clamp     | Rigid    |     |     |
|                 | Flexible | 0,5-6 mm <sup>2</sup>  |     |                 | Flexible |     |     |

| Voltage           |  |       |  | Voltage           |  |  |  |
|-------------------|--|-------|--|-------------------|--|--|--|
| Rated             |  | 400 V |  | Rated             |  |  |  |
| Impulse withstand |  | 4 kV  |  | Impulse withstand |  |  |  |
| Pollution degree  |  | 3     |  | Pollution degree  |  |  |  |

| Current |  |      |  | Current |  |  |  |
|---------|--|------|--|---------|--|--|--|
| Rated   |  | 30 A |  | Rated   |  |  |  |

| Wire size             |                     |                        |              | Wire size             |                     |                        |            |
|-----------------------|---------------------|------------------------|--------------|-----------------------|---------------------|------------------------|------------|
| Rated / Gauge         |                     | 6 mm <sup>2</sup> / A5 |              | Rated / Gauge         |                     | 6 mm <sup>2</sup> / A5 |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection   | Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
| 13 mm .51"            | 5 mm .20"           | 0,8-1 Nm 7.1-8.9 lb.in | IP 20 NEMA 1 |                       |                     |                        |            |

| Type         | Part numbers                 | Type | Part numbers |
|--------------|------------------------------|------|--------------|
| FEMT2 V0 V0  | th. 1 mm 1SNA 193 629 R2000  |      |              |
| SCFT2 V0 V0  | th. 1 mm 1SNA 194 522 R0600  |      |              |
| PC8          | 10 poles 1SNA 163 313 R2400  |      |              |
| AD2,5        | 1SNA 114 205 R2000           |      |              |
| BP8.A4       | 1SNA 173 888 R2000           |      |              |
| PCS2 V0      | IP 20 1SNA 199 871 R2100     |      |              |
| PCS3 V0      | IP 20 1SNA 199 872 R2200     |      |              |
| PCS3/5 V0    | IP 20 1SNA 199 873 R2300     |      |              |
| PCS4 V0      | IP 20 1SNA 199 870 R0400     |      |              |
| FC4-1        | DIA. 4 mm 1SNA 167 927 R1000 |      |              |
| FC4          | DIA. 4 mm 1SNA 167 860 R0100 |      |              |
| RC65 - RC610 | RC810                        |      |              |

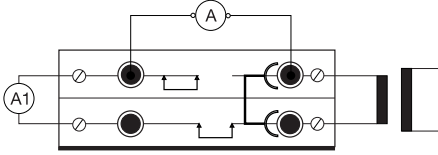
## Terminal blocks for test circuits

Screw clamp  
(applications)

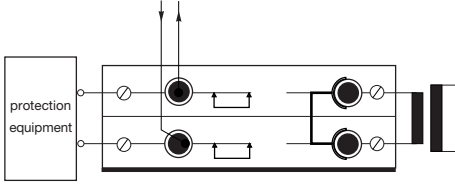
### C.T. test diagram

#### Mounting A

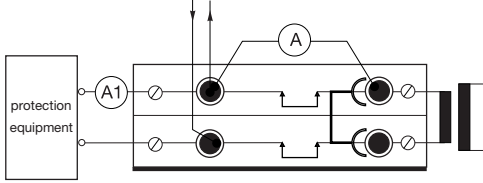
Control of the value of measure  
(comparative tests)



Protection circuit test (no superposition of current circuits)



Test diagram of circuit with various equipments

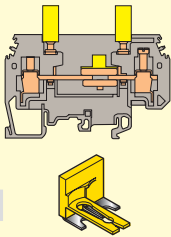


For these circuits :

2 x 1SNA 115 971 R1000

+

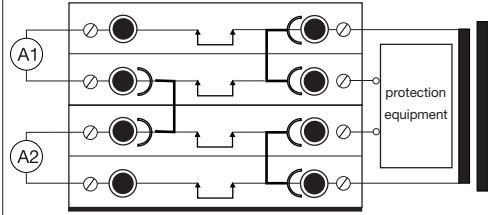
1 x 1SNA 199 871 R2100



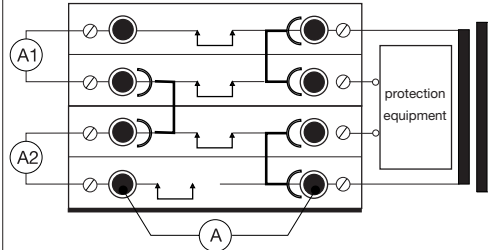
## C.T. test diagram in a circuit with various equipments

#### Mounting B

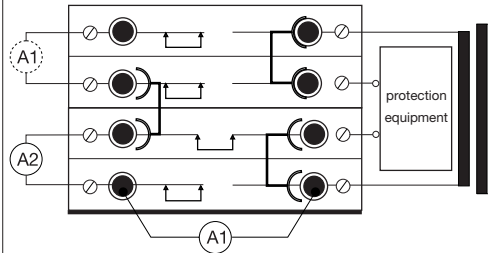
Normal service



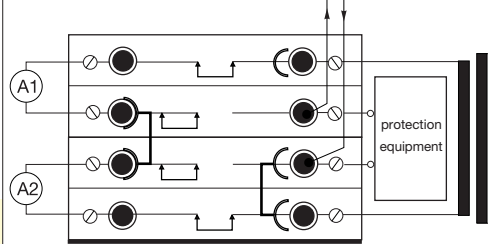
Control of the value of measure  
(comparative tests)



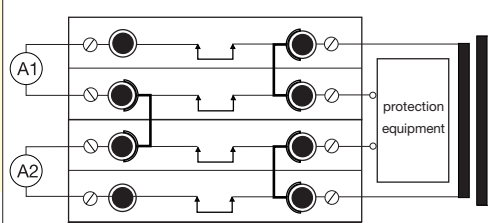
Replacement of equipment



Relay tests



DC transformer

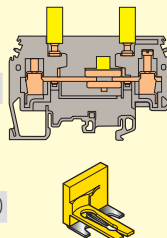


For these circuits :

4 x 1SNA 115 971 R1000

+

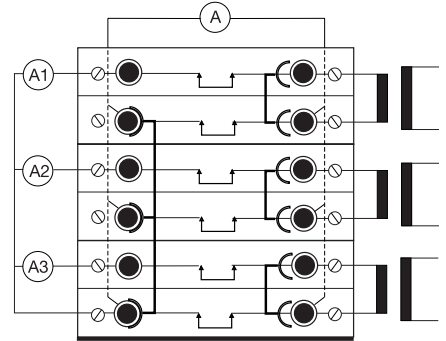
3 x 1SNA 199 871 R2100



## Current transformers with common point

#### Mounting C

Current transformers data mounting



For these circuits :

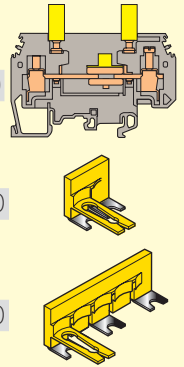
6 x 1SNA 115 971 R1000

+

3 x 1SNA 199 871 R2100

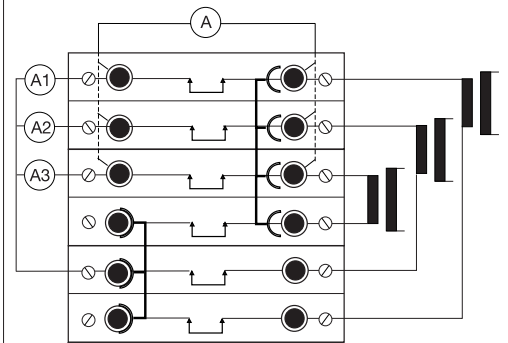
+

1 x 1SNA 199 873 R2300



#### Mounting D

Current transformers with star mounting



For these circuits :

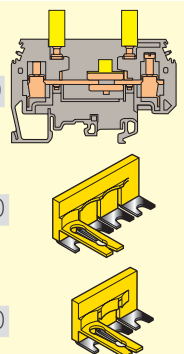
6 x 1SNA 115 971 R1000

+

1 x 1SNA 199 870 R0400

+

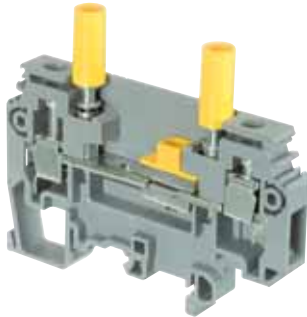
1 x 1SNA 199 872 R2200










# Terminal blocks for test circuits

## Screw clamp

 **DIN 1 - DIN 3**



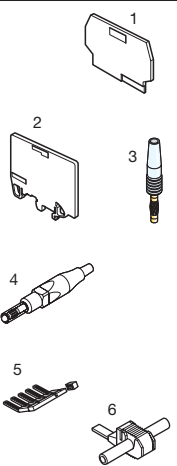
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

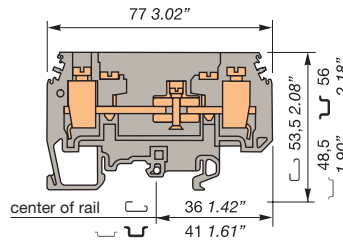


|          |                                       |       |
|----------|---------------------------------------|-------|
| <b>1</b> | End section                           | grey  |
|          |                                       | beige |
| <b>2</b> | Circuit separator                     | grey  |
| <b>3</b> | Test plug                             |       |
| <b>4</b> | Test plug with IP20 mobile protection | red   |
| <b>5</b> | Comb type jumper bar                  |       |
| <b>6</b> | IDC jumper                            |       |

**R** See section on markers marking method

## M 10/10.ST1

Spacing 10 mm (.394")



M10/10.ST1 equipped with two test sockets DIA. 4 mm



| Colour   | Type                                           | Part numbers       |
|----------|------------------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> <b>M 10/10.ST1</b>    | 1SNA 115 924 R0100 |
| Beige V0 | <input type="checkbox"/> <b>M 10/10.ST1.V0</b> | 1SNA 195 924 R0200 |

### Characteristics

| Wire size   |          | IEC                    | UL       | CSA      |
|-------------|----------|------------------------|----------|----------|
|             |          | NFC DIN                |          |          |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |

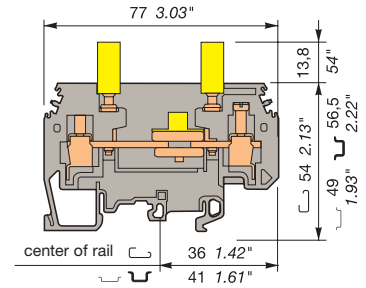
| Voltage           |      | 400 V Gr.C | 150 V | 150 V |
|-------------------|------|------------|-------|-------|
| Rated             |      |            |       |       |
| Impulse withstand | 6 KV |            |       |       |
| Pollution degree  | 3    |            |       |       |

| Current |  | 63 A | 15 A | 15 A |
|---------|--|------|------|------|
| Rated   |  |      |      |      |

| Wire size             |                        | 10 mm <sup>2</sup> / B6       | 6 AWG           | 6 AWG |
|-----------------------|------------------------|-------------------------------|-----------------|-------|
| Rated / Gauge         |                        |                               |                 |       |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque                | Protection      |       |
| 13 mm<br>.512"        | 5,5-6 mm<br>.217-.236" | 1,2-1,4 Nm<br>10.6-12.3 lb.in | IP 20<br>NEMA 1 |       |

## M 10/10.ST1

Spacing 10 mm (.394")



M10/10.ST1 equipped with two test sockets DIA. 4 mm



| Colour | Type                                             | Part numbers       |
|--------|--------------------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> <b>M 10/10.ST1.IP20</b> | 1SNA 399 723 R0400 |
| Grey   | <input type="checkbox"/> <b>M 10/10.ST1.IP20</b> | 1SNA 399 724 R0500 |

### Characteristics

| Wire size   |          | IEC                    | UL       | CSA      |
|-------------|----------|------------------------|----------|----------|
|             |          | NFC DIN                |          |          |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |

| Voltage           |      | 400 V Gr.C | 150 V | 150 V |
|-------------------|------|------------|-------|-------|
| Rated             |      |            |       |       |
| Impulse withstand | 6 KV |            |       |       |
| Pollution degree  | 3    |            |       |       |

| Current |  | 63 A | 15 A | 15 A |
|---------|--|------|------|------|
| Rated   |  |      |      |      |

| Wire size             |                        | 10 mm <sup>2</sup> / B6       | 6 AWG           | 6 AWG |
|-----------------------|------------------------|-------------------------------|-----------------|-------|
| Rated / Gauge         |                        |                               |                 |       |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque                | Protection      |       |
| 13 mm<br>.512"        | 5,5-6 mm<br>.217-.236" | 1,2-1,4 Nm<br>10.6-12.3 lb.in | IP 20<br>NEMA 1 |       |

| Type     | Part numbers                 |
|----------|------------------------------|
| FEMT2    | th. 1 mm 1SNA 113 629 R2700  |
| FEMT2 V0 | th. 1 mm 1SNA 193 629 R2000  |
| SCFT2    | 1SNA 114 522 R0500           |
| FC4      | DIA. 4 mm 1SNA 167 860 R0100 |
| FC4-1    | DIA. 4 mm 1SNA 167 927 R1000 |
| PC10     | 10 poles 1SNA 163 315 R2600  |
| AD2,5    | 1SNA 114 205 R2000           |

| Type     | Part numbers                 |
|----------|------------------------------|
| FEMT2    | th. 1 mm 1SNA 113 629 R2700  |
| FEMT2 V0 | th. 1 mm 1SNA 193 629 R2000  |
| SCFT2    | 1SNA 114 522 R0500           |
| FC4      | DIA. 4 mm 1SNA 167 860 R0100 |
| FC4-1    | DIA. 4 mm 1SNA 167 927 R1000 |
| PC10     | 10 poles 1SNA 163 315 R2600  |
| AD2,5    | 1SNA 114 205 R2000           |

RC1010

RC1010

# Terminal blocks for test circuits

## Screw clamp

DIN 3

A  
7

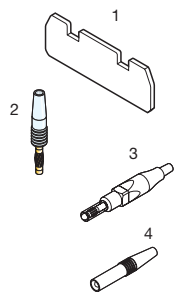
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The test sockets DIA.4 mm are made to be able to receive DIA. 4 mm isolated plug (IP20).

### Accessories



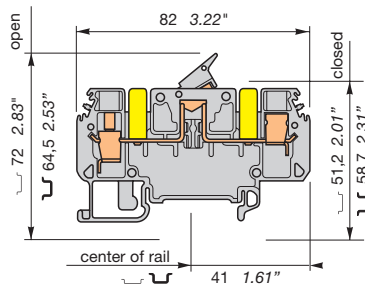
|   |                                          |      |
|---|------------------------------------------|------|
| 1 | End section                              | grey |
| 2 | Test plug (not isolated)                 |      |
| 3 | Test plug with IP20 mobile protection    | red  |
| 4 | Test plug with IP20 permanent protection | red  |



R See section on markers marking method

## D 6/10.SNBTB2

Spacing 10 mm - 0,05 (.394")



Switching terminal block fitted with 2 DIA. 4 mm test sockets made for isolated plug (IP20).



| Colour | Type | Part numbers                     |
|--------|------|----------------------------------|
| Grey   |      | D 6/10.SNBTB2 1SNA 115 929 R1600 |

### Characteristics

| Wire size   |          | IEC                    | UL | CSA |
|-------------|----------|------------------------|----|-----|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    |     |

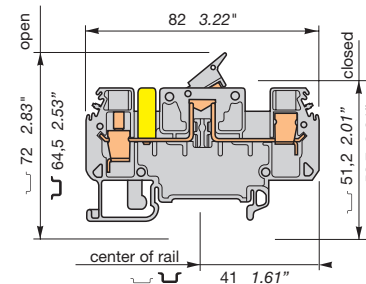
| Voltage |  | Rated             | 500 V |  |
|---------|--|-------------------|-------|--|
|         |  | Impulse withstand | 6 kV  |  |
|         |  | Pollution degree  | 3     |  |

| Current |  | Rated | 15 A |  |
|---------|--|-------|------|--|
|---------|--|-------|------|--|

| Wire size             |                     | Rated / Gauge  | 6 mm <sup>2</sup> / A5 |            |
|-----------------------|---------------------|----------------|------------------------|------------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection             |            |
|                       |                     |                | 12 mm .47"             | 4 mm .157" |

## D 6/10.SNBTB1

Spacing 10 mm - 0,05 (.394")



Switching terminal block fitted with 1 DIA. 4 mm test sockets made for isolated plug (IP20).



| Colour | Type | Part numbers                     |
|--------|------|----------------------------------|
| Grey   |      | D 6/10.SNBTB1 1SNA 115 928 R1500 |

### Characteristics

| Wire size   |          | IEC                    | UL | CSA |
|-------------|----------|------------------------|----|-----|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    |     |

| Voltage |  | Rated             | 500 V |  |
|---------|--|-------------------|-------|--|
|         |  | Impulse withstand | 6 kV  |  |
|         |  | Pollution degree  | 3     |  |

| Current |  | Rated | 15 A |  |
|---------|--|-------|------|--|
|---------|--|-------|------|--|

| Wire size             |                     | Rated / Gauge  | 6 mm <sup>2</sup> / A5 |            |
|-----------------------|---------------------|----------------|------------------------|------------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection             |            |
|                       |                     |                | 12 mm .47"             | 4 mm .157" |

### Accessories

| Type             | Part numbers       |
|------------------|--------------------|
| FED10S1 th. 2 mm | 1SNA 215 999 R2100 |
| FC4 DIA. 4 mm    | 1SNA 167 860 R0100 |
| FC4-1 DIA. 4 mm  | 1SNA 167 927 R1000 |
| FC4-2 DIA. 4 mm  | 1SNA 167 928 R2100 |

### Accessories

| Type             | Part numbers       |
|------------------|--------------------|
| FED10S1 th. 2 mm | 1SNA 215 999 R2100 |
| FC4 DIA. 4 mm    | 1SNA 167 860 R0100 |
| FC4-1 DIA. 4 mm  | 1SNA 167 927 R1000 |
| FC4-2 DIA. 4 mm  | 1SNA 167 928 R2100 |

RC1010

RC1010

# ESSAILEC terminal blocks



## The PREMIUM solution for testing the secondary circuits of current or voltage transformers.

ESSAILEC, approved by the major electricity utilities, remains the premium choice for the energy market.

Implemented in the transformers secondary circuits, ESSAILEC thanks to its intelligent “make before break” design eases and secures any intervention. Cutting the energy supply is avoided with zero risk for the operator.

The plug and socket connection cuts cost installation as well as in-situ wiring errors. ESSAILEC is ideal for the wiring of sub-assemblies in the secondary circuits.

### Testing :

The ESSAILEC socket supplies energy to the protection or counting devices. The insertion of the test plug, which is connected to the measurement equipment, allows the testing of the devices, without perturbing the circuit.

ESSAILEC blocks are well adapted to current or voltage measurement :

- Current sockets with make before break contacts and pre-wired test plug for current measures
- Voltage sockets with open contacts and pre-wired test plug for voltage measures
- Up to 4 ammeters or 4 voltmeters connected to the test plug

### Distributing :

The ESSAILEC plug is continuously mounted on the socket to supply current or voltage to secondary circuits sub assemblies. ESSAILEC blocks extreme versatility allow :

- Safe current distribution with current socket with mobile contacts since the secondary circuit is not cut when plug is removed
- Voltage distribution with dedicated voltage socket with closed contact

## Characteristics and benefits :

Great flexibility :

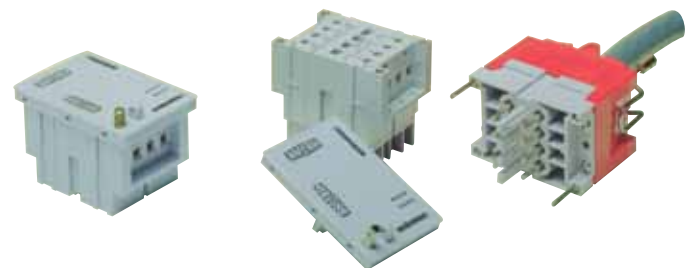
- Connection « plug and play »
- Panel, rail, rack fixed mounting or stand-alone connector
- Two wiring technologies, up to 10 mm<sup>2</sup>

Extreme reliability :

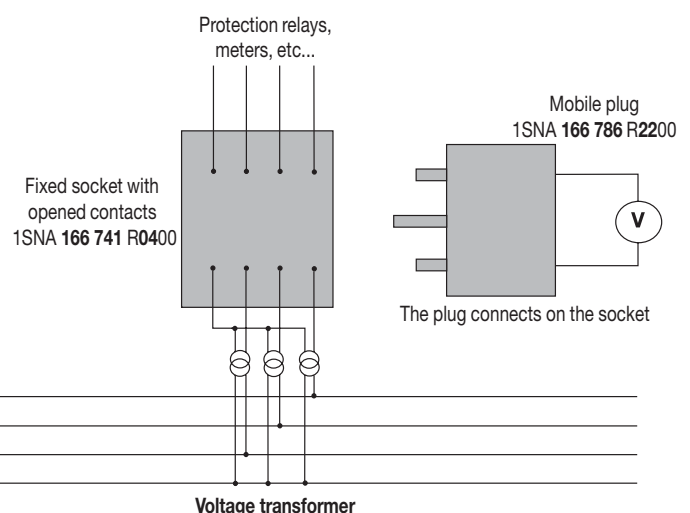
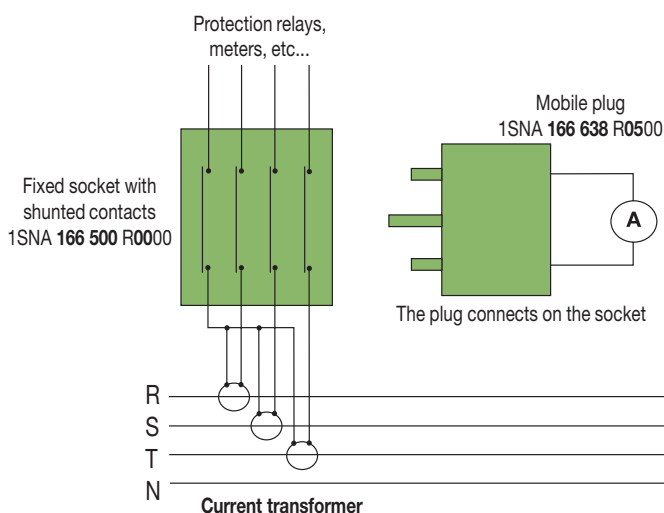
- Non symmetric blocks
- Coding accessories
- IP20 design
- Locking system
- Sealed cover
- Easy identification using colour codes



Current ESSAILEC test blocks



Voltage ESSAILEC test blocks



For technical characteristics and complete part numbers list, please ask for the ESSAILEC catalog

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# Notes

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## Fuse holder terminal blocks for 5 x 20 mm and 5 x 25 mm fuses

### Screw clamp

DIN 1 - DIN 3



\*Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

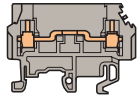
Other end stops, rails and accessories : see section on accessories.

### Notes

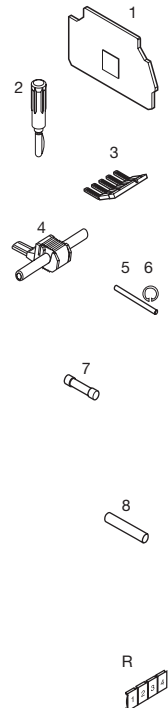
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Block matching fuse terminal block M 4/8.SF for line, fuse applications

| Type  | Part number        |
|-------|--------------------|
| M 4/8 | 1SNA 115 523 R0700 |



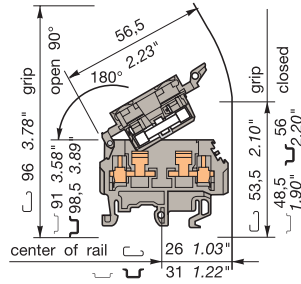
### Accessories



|                                      |                                       |  |  |
|--------------------------------------|---------------------------------------|--|--|
| 1 End section                        | grey<br>orange<br>beige               |  |  |
| 2 Test plug                          |                                       |  |  |
| 3 Comb type jumper bar               | 35 A                                  |  |  |
| 4 IDC jumper                         |                                       |  |  |
| 5 Assembly rod                       |                                       |  |  |
| 6 Assembly ring                      |                                       |  |  |
| 7 Fuses 5 x 20 mm                    | 250 V                                 |  |  |
| Fuses 5 x 25 mm                      | 250 V                                 |  |  |
| Fast acting according to DIN 41576.1 |                                       |  |  |
| 8 Disconnect link bar                |                                       |  |  |
| R                                    | See section on markers marking method |  |  |

## M 4/8.SF...

Spacing 8 mm (.315")



Standard 8 mm block.

| Colour   | Type | Part numbers                   |
|----------|------|--------------------------------|
| Grey     |      | M 4/8.SF 1SNA 115 657 R2500    |
| Orange   |      | M 4/8.SF2 1SNA 105 135 R1100   |
| Beige V0 |      | M 4/8.SF.V0 1SNA 195 657 R2600 |

### Characteristics

| Wire size   | Wire size                   |           |           |
|-------------|-----------------------------|-----------|-----------|
|             | IEC NFC DIN                 | UL        | CSA       |
| Screw clamp | Rigid 0,5-6 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
| Flexible    | 0,5-4 mm <sup>2</sup>       | 22-12 AWG | 24-12 AWG |

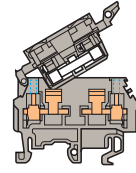
| Voltage           |           |           |       |
|-------------------|-----------|-----------|-------|
| Rated             | 630 V (1) | 600 V (1) | 250 V |
| Impulse withstand | 8 kV      |           |       |
| Pollution degree  | 3         |           |       |

| Current |       |      |      |
|---------|-------|------|------|
| Rated   | 6,3 A | 10 A | 10 A |

| Wire size             |                                |                                         |                             |
|-----------------------|--------------------------------|-----------------------------------------|-----------------------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4         | 12 AWG                                  | 12 AWG                      |
| Wire stripping length | Recomm. screwdriver 4 mm .157" | Recomm. torque 0,5-0,8 Nm 4.4-7.1 lb.in | Protection IP 20 (2) NEMA 1 |

## M 4/8.SFT

Spacing 8 mm (.315")



M 4/8.SF equipped with two test sockets DIA. 2 mm / .079".

| Colour   | Type | Part numbers                    |
|----------|------|---------------------------------|
| Grey     |      | M 4/8.SFT 1SNA 115 662 R2200    |
| Beige V0 |      | M 4/8.SFT.V0 1SNA 195 662 R2300 |

### Characteristics

| Wire size   | Wire size                   |           |           |
|-------------|-----------------------------|-----------|-----------|
|             | IEC NFC DIN                 | UL        | CSA       |
| Screw clamp | Rigid 0,5-6 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
| Flexible    | 0,5-4 mm <sup>2</sup>       | 22-12 AWG | 24-12 AWG |

| Voltage           |           |           |       |
|-------------------|-----------|-----------|-------|
| Rated             | 400 V (1) | 600 V (1) | 250 V |
| Impulse withstand | 4 kV      |           |       |
| Pollution degree  | 3         |           |       |

| Current |       |       |      |
|---------|-------|-------|------|
| Rated   | 6,3 A | 6,3 A | 10 A |

| Wire size             |                                |                                         |                             |
|-----------------------|--------------------------------|-----------------------------------------|-----------------------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4         | 12 AWG                                  | 12 AWG                      |
| Wire stripping length | Recomm. screwdriver 4 mm .157" | Recomm. torque 0,5-0,8 Nm 4.4-7.1 lb.in | Protection IP 20 (2) NEMA 1 |

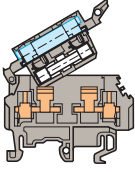
| Type                | Part numbers       |
|---------------------|--------------------|
| FEM8S V2 th. 1,5 mm | 1SNA 116 951 R1500 |
| FEM8S V2 th. 1,5 mm | 1SNA 103 923 R1500 |
| FEM8S V0 th. 1,5 mm | 1SNA 196 951 R1600 |
| PC81 10 poles       | 1SNA 173 523 R1100 |
| AD2,5               | 1SNA 114 205 R2000 |
| TGA8 2 poles        | 1SNA 168 672 R1100 |
| 3 poles             | 1SNA 168 673 R1200 |
| 4 poles             | 1SNA 168 674 R1300 |
| ANT                 | 1SNA 168 675 R1400 |
| FU520 5 x 20        |                    |
| 0,5 A               | 1SNA 008 288 R1500 |
| 1 A                 | 1SNA 008 290 R1300 |
| 2 A                 | 1SNA 008 291 R0000 |
| 3,15 A              | 1SNA 008 289 R1600 |
| 5 A                 | 1SNA 008 292 R0100 |
| FU525 5 x 25        |                    |
| 1,6 A               | 1SNA 167 546 R2200 |
| 2 A                 | 1SNA 167 547 R2300 |
| 2,5 A               | 1SNA 167 548 R0400 |
| 4 A                 | 1SNA 167 549 R0500 |
| 6,3 A               | 1SNA 167 550 R0200 |
| CN5                 | 1SNA 179 371 R1600 |

| Type                | Part numbers       |
|---------------------|--------------------|
| FEM8S V2 th. 1,5 mm | 1SNA 116 951 R1500 |
| FEM8S V2 th. 1,5 mm | 1SNA 103 923 R1500 |
| FEM8S V0 th. 1,5 mm | 1SNA 196 951 R1600 |
| FC2 DIA. 2 mm       | 1SNA 007 865 R2600 |
| PC81 10 poles       | 1SNA 173 523 R1100 |
| AD2,5 DIA. 2 mm     | 1SNA 114 205 R2000 |
| TGA8 2 poles        | 1SNA 168 672 R1100 |
| 3 poles             | 1SNA 168 673 R1200 |
| 4 poles             | 1SNA 168 674 R1300 |
| ANT                 | 1SNA 168 675 R1400 |
| FU520 5 x 20        |                    |
| 0,5 A               | 1SNA 008 288 R1500 |
| 1 A                 | 1SNA 008 290 R1300 |
| 2 A                 | 1SNA 008 291 R0000 |
| 3,15 A              | 1SNA 008 289 R1600 |
| 5 A                 | 1SNA 008 292 R0100 |
| FU525 5 x 25        |                    |
| 1,6 A               | 1SNA 167 546 R2200 |
| 2 A                 | 1SNA 167 547 R2300 |
| 2,5 A               | 1SNA 167 548 R0400 |
| 4 A                 | 1SNA 167 549 R0500 |
| 6,3 A               | 1SNA 167 550 R0200 |
| CN5                 | 1SNA 179 371 R1600 |

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Protection index for closed block.

**M 4/8.SF...**

Spacing 8 mm (.315")



M 4/8.SF with fusion indicator.



| Colour                 | Type                                | Part numbers       |
|------------------------|-------------------------------------|--------------------|
| Diode LED 24/110 V (6) | <input type="checkbox"/> M 4/8.SFD3 | 1SNA 115 935 R0400 |
| Grey body neon lamp(3) | <input type="checkbox"/> M 4/8.SFL  | 1SNA 115 661 R2100 |
| Diode LED 24 V* (4)    | <input type="checkbox"/> M 4/8.SFD  | 1SNA 115 663 R2300 |
| Diode LED 48 V* (4)    | <input type="checkbox"/> M 4/8.SFD1 | 1SNA 115 664 R2400 |
| Diode LED 48 V (4)(5)  | <input type="checkbox"/> M 4/8.SFD2 | 1SNA 115 653 R2100 |

**Characteristics****Wire size**

|             |          | IEC                   |     | UL        | CSA       |
|-------------|----------|-----------------------|-----|-----------|-----------|
|             |          | NFC                   | DIN |           |           |
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             |          |                       |     |           |           |
|             |          |                       |     |           |           |

**Voltage**

| Rated             | 400 V (1) | 600 V (1) | 250 V |
|-------------------|-----------|-----------|-------|
| Impulse withstand | 4 kV      |           |       |
| Pollution degree  | 3         |           |       |

**Current**

| Rated | 6,3 A | 10 A | 10 A |
|-------|-------|------|------|
|       |       |      |      |

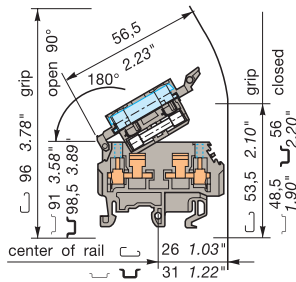
**Wire size**

| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG                      | 12 AWG              |
|-----------------------|------------------------|-----------------------------|---------------------|
| Wire stripping length |                        |                             |                     |
|                       | Recomm. screwdriver    | Recomm. torque              | Protection          |
| 9,5 mm<br>.374"       | 4 mm<br>.157"          | 0,5-0,8 Nm<br>4.4-7.7 lb.in | IP 20 (2)<br>NEMA 1 |

| Type                | Part numbers               |
|---------------------|----------------------------|
| FEM8S V2 th. 1,5 mm | 1SNA 116 951 R1500         |
| FEM8S V2 th. 1,5 mm | 1SNA 103 923 R1500         |
| FEM8S V0 th. 1,5 mm | 1SNA 196 951 R1600         |
| PC81 35 A 10 poles  | 1SNA 173 523 R1100         |
| AD2,5 24 A          | 1SNA 114 205 R2000         |
| TGA8 2 poles        | 1SNA 168 672 R1100         |
|                     | 3 poles 1SNA 168 673 R1200 |
|                     | 4 poles 1SNA 168 674 R1300 |
| ANT                 | 1SNA 168 675 R1400         |
| FU520 5 x 20        |                            |
|                     | 0,5 A 1SNA 008 288 R1500   |
|                     | 1 A 1SNA 008 290 R1300     |
|                     | 2 A 1SNA 008 291 R0000     |
|                     | 3,15 A 1SNA 008 289 R1600  |
|                     | 5 A 1SNA 008 292 R0100     |
| FU525 5 x 25        |                            |
|                     | 1,6 A 1SNA 167 546 R2200   |
|                     | 2 A 1SNA 167 547 R2300     |
|                     | 2,5 A 1SNA 167 548 R0400   |
|                     | 4 A 1SNA 167 549 R0500     |
|                     | 6,3 A 1SNA 167 550 R0200   |

**M 4/8.SF...T...**

Spacing 8 mm (.315")



M 4/8.SF with fusion indicator equipped with 2 test sockets DIA. 2 mm/.079".



| Colour                 | Type                                 | Part numbers       |
|------------------------|--------------------------------------|--------------------|
| Grey body neon lamp(3) | <input type="checkbox"/> M 4/8.SFLT  | 1SNA 115 667 R2700 |
| Diode LED 24 V* (4)    | <input type="checkbox"/> M 4/8.SFDT  | 1SNA 115 665 R2500 |
| Diode LED 48 V* (4)    | <input type="checkbox"/> M 4/8.SFDT1 | 1SNA 115 666 R2600 |

**Characteristics****Wire size**

|             |          | IEC                   |     | UL        | CSA       |
|-------------|----------|-----------------------|-----|-----------|-----------|
|             |          | NFC                   | DIN |           |           |
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             |          |                       |     |           |           |
|             |          |                       |     |           |           |

**Voltage**

| Rated             | 400 V (1) | 600 V (1) | 250 V |
|-------------------|-----------|-----------|-------|
| Impulse withstand | 4 kV      |           |       |
| Pollution degree  | 3         |           |       |

**Current**

| Rated | 6,3 A | 10 A | 10 A |
|-------|-------|------|------|
|       |       |      |      |

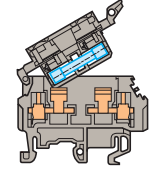
**Wire size**

| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG                      | 12 AWG              |
|-----------------------|------------------------|-----------------------------|---------------------|
| Wire stripping length |                        |                             |                     |
|                       | Recomm. screwdriver    | Recomm. torque              | Protection          |
| 9,5 mm<br>.374"       | 4 mm<br>.157"          | 0,5-0,8 Nm<br>4.4-7.7 lb.in | IP 20 (2)<br>NEMA 1 |

| Type                | Part numbers               |
|---------------------|----------------------------|
| FEM8S V2 th. 1,5 mm | 1SNA 116 951 R1500         |
| FEM8S V2 th. 1,5 mm | 1SNA 103 923 R1500         |
| FEM8S V0 th. 1,5 mm | 1SNA 196 951 R1600         |
| FC2 DIA. 2 mm       | 1SNA 007 865 R2600         |
| PC81 35 A 10 poles  | 1SNA 173 523 R1100         |
| AD2,5 24 A          | 1SNA 114 205 R2000         |
| TGA8 2 poles        | 1SNA 168 672 R1100         |
|                     | 3 poles 1SNA 168 673 R1200 |
|                     | 4 poles 1SNA 168 674 R1300 |
| ANT                 | 1SNA 168 675 R1400         |
| FU520 5 x 20        |                            |
|                     | 0,5 A 1SNA 008 288 R1500   |
|                     | 1 A 1SNA 008 290 R1300     |
|                     | 2 A 1SNA 008 291 R0000     |
|                     | 3,15 A 1SNA 008 289 R1600  |
|                     | 5 A 1SNA 008 292 R0100     |
| FU525 5 x 25        |                            |
|                     | 1,6 A 1SNA 167 546 R2200   |
|                     | 2 A 1SNA 167 547 R2300     |
|                     | 2,5 A 1SNA 167 548 R0400   |
|                     | 4 A 1SNA 167 549 R0500     |
|                     | 6,3 A 1SNA 167 550 R0200   |

**M 4/8.SN...**

Spacing 8 mm (.315")



M 4/8.SF with disconnect link bar locked on grey grip.



| Colour   | Type                                  | Part numbers       |
|----------|---------------------------------------|--------------------|
| Grey     | <input type="checkbox"/> M 4/8.SN1    | 1SNA 115 660 R0400 |
| Orange   | <input type="checkbox"/> M 4/8.SN2    | 1SNA 105 136 R1200 |
| Beige V0 | <input type="checkbox"/> M 4/8.SN1.V0 | 1SNA 195 660 R0500 |

**Characteristics****Wire size**

|             |          | IEC                   |     | UL        | CSA       |
|-------------|----------|-----------------------|-----|-----------|-----------|
|             |          | NFC                   | DIN |           |           |
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 22-12 AWG | 24-12 AWG |
|             |          |                       |     |           |           |
|             |          |                       |     |           |           |

**Voltage**

| Rated             | 630 V | 600 V | 250 V |
|-------------------|-------|-------|-------|
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

**Current**

| Rated | 6,3 A | 10 A | 10 A |
|-------|-------|------|------|
|       |       |      |      |

**Wire size**

| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG                      | 12 AWG              |
|-----------------------|------------------------|-----------------------------|---------------------|
| Wire stripping length |                        |                             |                     |
|                       | Recomm. screwdriver    | Recomm. torque              | Protection          |
| 9,5 mm<br>.374"       | 4 mm<br>.157"          | 0,5-0,8 Nm<br>4.4-7.7 lb.in | IP 20 (2)<br>NEMA 1 |

| Type                | Part numbers               |
|---------------------|----------------------------|
| FEM8S V2 th. 1,5 mm | 1SNA 116 951 R1500         |
| FEM8S V2 th. 1,5 mm | 1SNA 103 923 R1500         |
| FEM8S V0 th. 1,5 mm | 1SNA 196 951 R1600         |
| PC81 35 A 10 poles  | 1SNA 173 523 R1100         |
| AD2,5 24 A          | 1SNA 114 205 R2000         |
| TGA8 2 poles        | 1SNA 168 672 R1100         |
|                     | 3 poles 1SNA 168 673 R1200 |
|                     | 4 poles 1SNA 168 674 R1300 |
| ANT                 | 1SNA 168 675 R1400         |

RC610 on grip

RC810 on side

RC610 on grip

RC810 on side

RC610 on grip

RC810 on side

Note : (3) Fusion indicator : neon lamp 110-230 V. Leakage current with neon lamp : &lt; 0,5 mA (110 V) / &lt; 0,7 mA (230 V).

(4) Leakage current with LED 24 or 48 V : &lt; 4,5 mA.

(5) Block delivered with - on open side. (6) Leakage current with LED 24 or 110 VAC : 0,5 mA at 24 V ; 2,2 mA at 110 V.

# Fuse holder terminal blocks for 5 x 20 mm and 5 x 25 mm fuses

## Screw clamp

DIN 1 - DIN 3

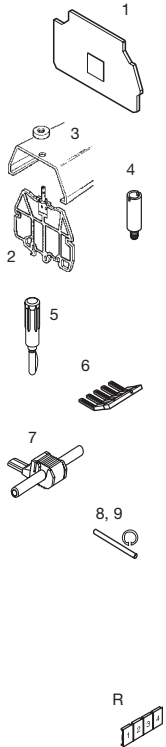
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

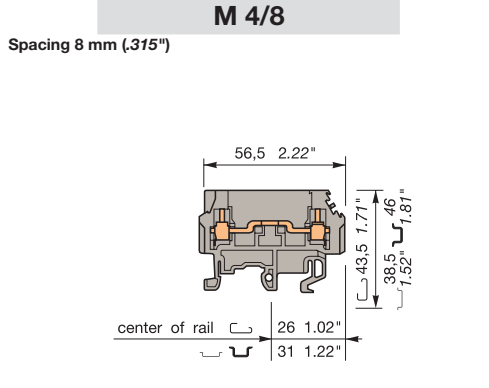
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

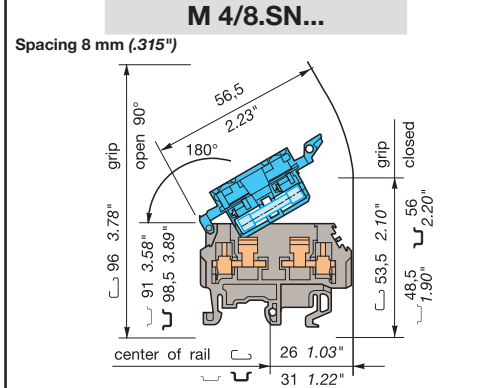
### Accessories



|   |                               |                         |                  |                 |                    |
|---|-------------------------------|-------------------------|------------------|-----------------|--------------------|
| 1 | End section                   | grey<br>orange<br>beige | FEM8S (3)        | th. 1,5 mm      | 1SNA 116 951 R1500 |
| 2 | Separator end section         | grey<br>beige           | SCFCV3 (3)       | th. 3,0 mm      | 1SNA 116 796 R1200 |
|   |                               |                         | SCFCV3 V0 (3) V0 | th. 3,0 mm      | 1SNA 196 796 R1300 |
| 3 | Protective cover              | grey<br>beige           | CPV3             | (for SCFCV3...) | 1SNA 176 817 R1300 |
| 4 | Test socket                   |                         | AL2              | DIA. 2,0 mm     | 1SNA 163 070 R0000 |
|   |                               |                         | AL3              | DIA. 3,0 mm     | 1SNA 163 261 R0000 |
| 5 | Test plug                     |                         | FC2              | DIA. 2 mm       | 1SNA 007 865 R2600 |
| 6 | Comb-type jumper bar          | 35 A                    | PC81             | 10 poles        | 1SNA 173 523 R1100 |
| 7 | IDC jumper                    |                         | AD2,5            |                 | 1SNA 114 205 R2000 |
| 8 | Assembly rod                  |                         |                  |                 |                    |
| 8 | Assembly ring                 |                         |                  |                 |                    |
| R | See section on marking method |                         |                  |                 |                    |



Terminal block compatible with fuse block M 4/8.SF



M 4/8.SF with disconnect link bar locked on blue grip, equipped with 2 test sockets DIA. 2 mm / .079"

| Colour | Type                           | Part number        | Colour                 | Type                               | Part numbers       |
|--------|--------------------------------|--------------------|------------------------|------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/8 | 1SNA 115 523 R0700 | Grey/Blue without test | <input type="checkbox"/> M 4/8.SN  | 1SNA 115 659 R0700 |
|        |                                |                    | Grey/Blue with test    | <input type="checkbox"/> M 4/8.SNT | 1SNA 115 668 R0000 |

### Characteristics

| Wire size   |          | NFC DIN                | UL        | CSA |
|-------------|----------|------------------------|-----------|-----|
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG |     |
|             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG |     |

| Voltage           |            | 600 V | 250 V |
|-------------------|------------|-------|-------|
| Rated             | 500 V Gr.C | 600 V |       |
| Impulse withstand |            |       |       |
| Pollution degree  |            |       |       |

| Current |      | 15 A | 10 A |
|---------|------|------|------|
| Rated   | 26 A | 15 A |      |

| Wire size     |                        | 12 AWG | 12 AWG |
|---------------|------------------------|--------|--------|
| Rated / Gauge | 4 mm <sup>2</sup> / A4 | 12 AWG | 12 AWG |

| Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection |
|--------------------|---------------------|----------------|------------|
| 9,5 mm             | 4 mm                | 0,5-0,8 Nm     | IP 20      |
| .37"               | .16"                | 4.4-7.1 lb.in  | NEMA 1     |

### Characteristics

| Wire size   |          | IEC DIN               | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> | 22-12 AWG | 24-12 AWG |

| Voltage           |           | 600 V (1) | 250 V |
|-------------------|-----------|-----------|-------|
| Rated             | 630 V (1) | 600 V (1) | 250 V |
| Impulse withstand |           | 8 kV      |       |
| Pollution degree  |           | 3         |       |

| Current |       | 10 A | 10 A |
|---------|-------|------|------|
| Rated   | 6,3 A | 10 A | 10 A |

| Wire size     |                        | 12 AWG | 12 AWG |
|---------------|------------------------|--------|--------|
| Rated / Gauge | 4 mm <sup>2</sup> / A4 | 12 AWG | 12 AWG |

| Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection |
|-----------------------|---------------------|----------------|------------|
| 9,5 mm                | 4 mm                | 0,5-0,8 Nm     | IP 20 (2)  |
| .37"                  | .157"               | 4.4-7.1 lb.in  | NEMA 1     |

| Type             | Part numbers                       |
|------------------|------------------------------------|
| FEM8S (3)        | th. 1,5 mm 1SNA 116 951 R1500      |
| SCFCV3 (3)       | th. 3,0 mm 1SNA 116 796 R1200      |
| SCFCV3 V0 (3) V0 | th. 3,0 mm 1SNA 196 796 R1300      |
| CPV3             | (for SCFCV3...) 1SNA 176 817 R1300 |
| AL2              | DIA. 2,0 mm 1SNA 163 070 R0000     |
| AL3              | DIA. 3,0 mm 1SNA 163 261 R0000     |
| FC2              | DIA. 2 mm 1SNA 007 865 R2600       |
| PC81             | 10 poles 1SNA 173 523 R1100        |
| AD2,5            | 1SNA 114 205 R2000                 |

| Type         | Part numbers                     |
|--------------|----------------------------------|
| FEM8S (3) V2 | th. 1,5 mm 1SNA 116 951 R1500    |
| FEM8S (3) V2 | th. 1,5 mm 1SNA 103 923 R1500    |
| FEM8S (3) V0 | th. 1,5 mm 1SNA 196 951 R1600    |
| FC2 (4)      | DIA. 2 mm 1SNA 007 865 R2600     |
| PC81         | 35 A 10 poles 1SNA 173 523 R1100 |
| AD2,5        | 24 A 1SNA 114 205 R2000          |
| TGA8         | 2 poles 1SNA 168 672 R1100       |
|              | 3 poles 1SNA 168 673 R1200       |
|              | 4 poles 1SNA 168 674 R1300       |
| ANT          | 1SNA 168 675 R1400               |

Note : (1) 400 V for M 4/8.SNT. (2) Protection index given for closed block. (3) End sections and circuit separators snapped on rails. (4) For M 4/8.SNT only.

# Fuse holder terminal blocks

## Double-deck

### for 5 x 20 and 5 x 25 mm fuses

### Screw clamp

DIN 1 - DIN 3



|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

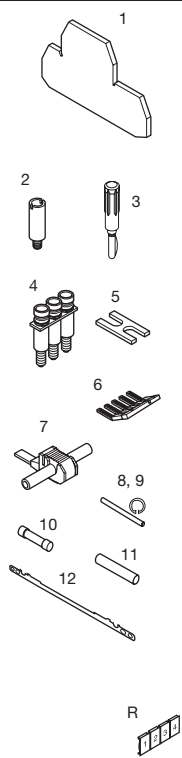
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

\* Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.



### Accessories

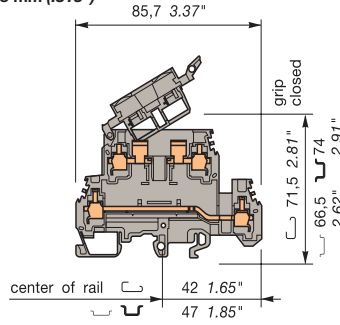


|    |                                             |       |  |  |
|----|---------------------------------------------|-------|--|--|
| 1  | End section                                 | grey  |  |  |
| 2  | Test socket                                 |       |  |  |
| 3  | Test plug                                   |       |  |  |
| 4  | Assembled jumper bar (with IP20 protection) |       |  |  |
| 5  | Connector plate                             |       |  |  |
| 6  | Comb-type jumper bar                        |       |  |  |
| 7  | IDC jumper                                  |       |  |  |
| 8  | Assembly rod                                |       |  |  |
| 9  | Assembly ring                               |       |  |  |
| 10 | Fuse 5 x 20                                 | 250 V |  |  |
|    | Fuse 5 x 25                                 | 250 V |  |  |
|    | Fast acting according to DIN 41576.1        |       |  |  |
| 11 | Disconnect link bar                         |       |  |  |
| 12 | Shield connector                            |       |  |  |

R See section on markers marking method

## M 4/8.D2.SF

Spacing 8 mm (.315")



Standard block.

| Colour   | Type                                    | Part numbers |       |
|----------|-----------------------------------------|--------------|-------|
| Grey     | <input type="checkbox"/> M 4/8.D2.SF    | 1SNA 115 604 | R2100 |
| Beige V0 | <input type="checkbox"/> M 4/8.D2.SF.V0 | 1SNA 195 604 | R2200 |

### Characteristics

| Wire size   |          | IEC                   |     | UL/CSA    |  |
|-------------|----------|-----------------------|-----|-----------|--|
|             |          | NFC                   | DIN |           |  |
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> |     | 24-12 AWG |  |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 24-12 AWG |  |

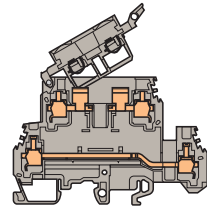
| Voltage           |           |           |
|-------------------|-----------|-----------|
| Rated             | 630 V (7) | 300 V (1) |
| Impulse withstand | 8 kV      |           |
| Pollution degree  | 3         |           |

| Current |       |      |
|---------|-------|------|
| Rated   | 6,3 A | 20 A |

| Wire size             |                        |                          |              |
|-----------------------|------------------------|--------------------------|--------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                          | 12 AWG       |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque           | Protection   |
| 9,5 mm .37"           | 4 mm .16"              | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 |

## M 4/8.D2.SF...

Spacing 8 mm (.315")



M 4/8.D2.SF with fusion indicator.

| Colour                  | Type                                   | Part numbers |       |
|-------------------------|----------------------------------------|--------------|-------|
| Grey/LED 24/100 V (8)   | <input type="checkbox"/> M 4/8.D2.SFD3 | 1SNA 115 936 | R0300 |
| Grey/Neon 110-230 V (6) | <input type="checkbox"/> M 4/8.D2.SFL  | 1SNA 115 646 | R2200 |
| Grey/LED 24 V (6)       | <input type="checkbox"/> M 4/8.D2.SFD  | 1SNA 115 647 | R2300 |
| Grey/LED 48 V (6)       | <input type="checkbox"/> M 4/8.D2.SFD1 | 1SNA 115 648 | R0400 |

### Characteristics

| Wire size   |          | IEC                   |     | UL/CSA    |  |
|-------------|----------|-----------------------|-----|-----------|--|
|             |          | NFC                   | DIN |           |  |
| Screw clamp | Rigid    | 0,5-6 mm <sup>2</sup> |     | 24-12 AWG |  |
|             | Flexible | 0,5-4 mm <sup>2</sup> |     | 24-12 AWG |  |

| Voltage           |           |           |
|-------------------|-----------|-----------|
| Rated             | 500 V (7) | 300 V (1) |
| Impulse withstand | 6 kV      |           |
| Pollution degree  | 3         |           |

| Current |       |      |
|---------|-------|------|
| Rated   | 6,3 A | 20 A |

| Wire size             |                        |                          |              |
|-----------------------|------------------------|--------------------------|--------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                          | 12 AWG       |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque           | Protection   |
| 9,5 mm .37"           | 4 mm .16"              | 0,5-0,8 Nm 4.4-7.1 lb.in | IP 20 NEMA 1 |

Note : (1) Only for lower deck. (2) Only for upper connection. Use of these accessories requires the user to cut out the partition. (3) For block equipped with test socket AL2. (4) For block equipped with test socket AL4. (5) Leakage current with neon lamp : < 0,5 mA (110 VAC), < 0,7 mA (230 VAC). (6) Leakage current with LED 24 or 48 VDC < 4,5 mA. (7) Insulation voltage of terminal block - operating voltage : according to fuse. (8) Leakage current with LED 24 or 110 VAC : 0,5 mA at 24 V ; 2,2 mA at 110 V.

# Fuse holder terminal blocks

## Double-deck

### for 5 x 20 and 5 x 25 mm fuses

#### Screw clamp


DIN 1 - DIN 3

|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 12 mm     | <b>BADH</b>    | V2 | 1SNA 116 900 R2700 |
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH VO</b> | VO | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

**Notes**  
 The use of some accessories may decrease the block's voltage rating. For more information, consult us.

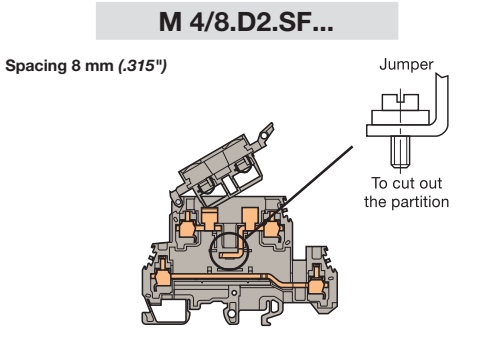
\* Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.



### Accessories

|  |                                                      |       |
|--|------------------------------------------------------|-------|
|  | <b>1</b> End section                                 | grey  |
|  | <b>2</b> Test socket                                 |       |
|  | <b>3</b> Test plug                                   |       |
|  | <b>4</b> Assembled jumper bar (with IP20 protection) |       |
|  | <b>5</b> Connector plate                             |       |
|  | <b>6</b> Comb-type jumper bar                        |       |
|  | <b>7</b> Assembly rod                                |       |
|  | <b>8</b> Assembly ring                               |       |
|  | <b>9</b> Fuse 5 x 20                                 | 250 V |
|  | <b>10</b> Fuse 5 x 25                                | 250 V |
|  | <b>11</b> Disconnect link bar                        |       |
|  | <b>12</b> Shield connector                           |       |
|  | <b>13</b> Jumper bar not assembled                   |       |
|  | Post + washer + captive screw                        | IP20  |
|  | <b>15</b> Screw for <b>BJS</b>                       |       |

**R** See markers section method



M 4/8.D2.SF with\* or without fusion indicator. Internal jumpering option.



| Colour                         | Type                                      | Part numbers       |
|--------------------------------|-------------------------------------------|--------------------|
| Grey                           | <input type="checkbox"/> M 4/8.D2.SFJ     | 1SNA 115 692 R1100 |
| Blocks with fusion indicator : |                                           |                    |
| Grey/Neon 110-220 V* (5)       | <input type="checkbox"/> M 4/8.D2.SFLJ    | 1SNA 115 649 R0500 |
| Grey/LED 24 V* (6)             | <input type="checkbox"/> M 4/8.D2.SFDJ(8) | 1SNA 115 650 R0200 |
| Grey/LED 48 V* (6)             | <input type="checkbox"/> M 4/8.D2.SFDJ1   | 1SNA 115 651 R2700 |

| Characteristics |          |                       |                       |
|-----------------|----------|-----------------------|-----------------------|
| Wire size       | IEC      |                       | UL/CSA <sup>(8)</sup> |
|                 | NFC      | DIN                   |                       |
| Screw clamp     | Rigid    | 0,5-6 mm <sup>2</sup> | 24-12 AWG             |
|                 | Flexible | 0,5-4 mm <sup>2</sup> | 24-12 AWG             |

| Voltage           |           |           |
|-------------------|-----------|-----------|
| Rated             | 500 V (7) | 300 V (7) |
| Impulse withstand | 6 kV      |           |
| Pollution degree  | 3         |           |

| Current |       |      |
|---------|-------|------|
| Rated   | 6,3 A | 20 A |

| Wire size             |                        |                             |                 |
|-----------------------|------------------------|-----------------------------|-----------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                             | 12 AWG          |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque              | Protection      |
| 9,5 mm<br>.374"       | 4 mm<br>.157"          | 0,5-0,8 Nm<br>4.4-7.1 lb.in | IP 20<br>NEMA 1 |

| Colour | Type | Part numbers |
|--------|------|--------------|
|--------|------|--------------|

| Characteristics |          |     |    |     |
|-----------------|----------|-----|----|-----|
| Wire size       | IEC      |     | UL | CSA |
|                 | NFC      | DIN |    |     |
| Screw clamp     | Rigid    |     |    |     |
|                 | Flexible |     |    |     |

| Voltage           |  |  |
|-------------------|--|--|
| Rated             |  |  |
| Impulse withstand |  |  |
| Pollution degree  |  |  |

| Current |  |  |
|---------|--|--|
| Rated   |  |  |

| Wire size             |                        |                |            |
|-----------------------|------------------------|----------------|------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                | 12 AWG     |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
|                       |                        |                |            |

| Type           | Part numbers                  |
|----------------|-------------------------------|
| FEM8D2S        | th. 1,5 mm 1SNA 116 913 R0700 |
| AL2 (1)        | DIA. 2 mm 1SNA 163 043 R2100  |
| AL3 (1)        | DIA. 3 mm 1SNA 163 261 R0000  |
| AL4 (1)        | DIA. 4 mm 1SNA 163 262 R0100  |
| FC2 (3)        | DIA. 2 mm 1SNA 007 865 R2600  |
| FC4 (4)        | DIA. 4 mm 1SNA 167 860 R0100  |
| BJMI8 (1) 41 A | 2 poles 1SNA 176 669 R1600    |
| BJMI8 (1) 41 A | 3 poles 1SNA 176 670 R1300    |
| BJMI8 (1) 41 A | 4 poles 1SNA 176 671 R0000    |
| BJMI8 (1) 41 A | 5 poles 1SNA 176 672 R0100    |
| BJMI8 (1) 41 A | 10 poles 1SNA 176 673 R0200   |
| EL6            | 35 A 1SNA 173 627 R2100       |
| PC81           | 35 A 1SNA 173 523 R1100       |
| TGA8           | 2 poles 1SNA 168 672 R1100    |
|                | 3 poles 1SNA 168 673 R1200    |
|                | 4 poles 1SNA 168 674 R1300    |
| ANT            | 1SNA 168 675 R1400            |
| FU520          | 0,5 A 1SNA 008 288 R1500      |
|                | 1 A 1SNA 008 290 R1300        |
|                | 2 A 1SNA 008 291 R0000        |
|                | 3,15 A 1SNA 008 289 R1600     |
|                | 5 A 1SNA 008 292 R0100        |
| FU525          | 1,6 A 1SNA 167 546 R2200      |
|                | 2 A 1SNA 167 547 R2300        |
|                | 2,5 A 1SNA 167 548 R0400      |
|                | 4 A 1SNA 167 549 R0500        |
|                | 6,3 A 1SNA 167 550 R0200      |
| CN5            | 1SNA 168 804 R0700            |
| CBD2S          | 1SNA 178 408 R1400            |
| BJS8 (1) 41 A  | 20 poles 1SNA 174 789 R0500   |
| EV6I           | 1SNA 206 394 R0200            |
| VJS11 (2)      | 1SNA 163 394 R2600            |

| Type | Part numbers |
|------|--------------|
|------|--------------|

Note : (1) These accessories can be used on the lower connection only. (2) These accessories can be used on the upper connection only. Use of these accessories requires the user to cut out the partition. (3) For block equipped with test socket AL2. (4) For block equipped with test socket AL4. (5) Leakage current with neon lamp : < 0,5 mA (110 VAC), < 0,7 mA (230 VAC). (6) Leakage current with LED 24 or 48 VDC : < 4,5 mA. (7) Insulation voltage of terminal block - operating voltage : according to fuse. (8) UL/CSA approval only for M 4/8.D2.SFDJ.

# Fuse holder terminal block with screwed plug for 5 x 20 mm or 5 x 25 mm fuses

## Screw clamp

DIN 1 - DIN 3



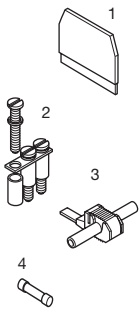
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



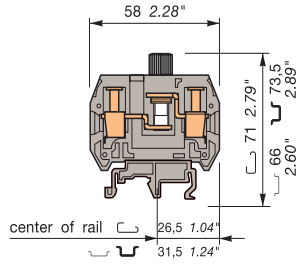
|   |                                      |       |
|---|--------------------------------------|-------|
| 1 | End section                          | grey  |
| 2 | Standard jumper bar                  | 57 A  |
| 3 | IDC jumper                           |       |
| 4 | Fuse 5 x 20                          | 250 V |
|   | Fuse 5 x 25                          | 250 V |
|   | Fast acting according to DIN 41576.1 |       |



R See section on markers marking method

## MB 10/12.SF...

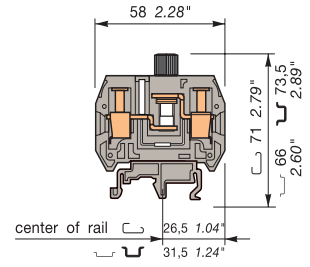
Spacing 12 mm (.473")



12 mm block, no fusion indicator - for 5 x 20 mm or 5 x 25 mm fuses

## MB 10/12.SF...

Spacing 12 mm (.473")



12 mm block with neon fusion indicator for fuses 5 x 20 mm.

| Colour                                | Type                | Part numbers       | Colour                                     | Type                | Part numbers       |
|---------------------------------------|---------------------|--------------------|--------------------------------------------|---------------------|--------------------|
| Grey/5x20 mm <input type="checkbox"/> | <b>MB 10/12.SF</b>  | 1SNA 111 033 R0300 | Grey/110-220V (2) <input type="checkbox"/> | <b>MB 10/12.SFL</b> | 1SNA 111 034 R0400 |
| Grey/5x25 mm <input type="checkbox"/> | <b>MB 10/12.SF1</b> | 1SNA 111 035 R0500 | Grey/LED 24 V (3) <input type="checkbox"/> | <b>MB 10/12.SFD</b> | 1SNA 111 037 R0700 |

### Characteristics

| Wire size   |          | NFC DIN                | UL       | CSA      |
|-------------|----------|------------------------|----------|----------|
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |

| Voltage           |  | 500 V Gr.C (1) | 600 V (1) | 250 V |
|-------------------|--|----------------|-----------|-------|
| Impulse withstand |  |                |           |       |
| Pollution degree  |  |                |           |       |

| Current |  | 10 A | 15 A | 15 A |
|---------|--|------|------|------|
|---------|--|------|------|------|

| Wire size             |                     | 10 mm <sup>2</sup>            | 6 AWG      | 6 AWG |
|-----------------------|---------------------|-------------------------------|------------|-------|
| Rated / Gauge         |                     |                               |            |       |
| Wire stripping length | Recomm. screwdriver | Recomm. torque                | Protection |       |
| 13 mm<br>.512"        | 6 mm<br>.236"       | 1,2-1,4 Nm<br>10.6-12.3 lb.in | IP 10      |       |

### Characteristics

| Wire size   |          | NFC DIN                | UL       | CSA      |
|-------------|----------|------------------------|----------|----------|
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 18-6 AWG | 18-6 AWG |

| Voltage           |  | 500 V Gr.C (1) | 600 V (1) | 250(SFL)24(SFD) |
|-------------------|--|----------------|-----------|-----------------|
| Impulse withstand |  |                |           |                 |
| Pollution degree  |  |                |           |                 |

| Current |  | 10 A | 15 A | 15 A |
|---------|--|------|------|------|
|---------|--|------|------|------|

| Wire size             |                     | 10 mm <sup>2</sup>            | 6 AWG      | 6 AWG |
|-----------------------|---------------------|-------------------------------|------------|-------|
| Rated / Gauge         |                     |                               |            |       |
| Wire stripping length | Recomm. screwdriver | Recomm. torque                | Protection |       |
| 13 mm<br>.512"        | 6 mm<br>.236"       | 1,2-1,4 Nm<br>10.6-12.3 lb.in | IP 10      |       |

| Type           | Part numbers                | Type       | Part numbers                |
|----------------|-----------------------------|------------|-----------------------------|
| FEM12S V2      | th. 3 mm 1SNA 117 628 R2200 | FEM12S V2  | th. 3 mm 1SNA 117 628 R2200 |
| BJS12 (2)      | 20 poles 1SNA 177 653 R0700 |            |                             |
| Screw for BJS  | 1SNA 163 574 R2200          |            |                             |
| Washer for BJS | 1SNA 163 633 R2500          |            |                             |
| AD2,5          | 1SNA 114 205 R2000          | AD2,5 24 A | 1SNA 114 205 R2000          |
| FU520          | 0,5 A 1SNA 008 288 R1500    | FU520      | 0,5 A 1SNA 008 288 R1500    |
|                | 1 A 1SNA 008 290 R1300      |            | 1 A 1SNA 008 290 R1300      |
|                | 2 A 1SNA 008 291 R0000      |            | 2 A 1SNA 008 291 R0000      |
|                | 3,15 A 1SNA 008 289 R1600   |            | 3,15 A 1SNA 008 289 R1600   |
|                | 5 A 1SNA 008 292 R0100      |            | 5 A 1SNA 008 292 R0100      |
|                | 1,6 A 1SNA 167 546 R2200    |            |                             |
|                | 2 A 1SNA 167 547 R2300      |            |                             |
|                | 2,5 A 1SNA 167 548 R0400    |            |                             |
|                | 4 A 1SNA 167 549 R0500      |            |                             |
|                | 6,3 A 1SNA 167 550 R0200    |            |                             |

RC65 - RC610 Sides of block

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Use of these accessories requires the user to cut out the partition.

RC65 - RC610 Sides of block

## Fuse holder terminal blocks for 5 x 20 mm and 5 x 25 mm fuses

### Screw clamp

DIN 1 - DIN 3

|          |  |               |         |    |                     |
|----------|--|---------------|---------|----|---------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1 SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1 SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1 SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1 SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1 SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1 SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1 SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

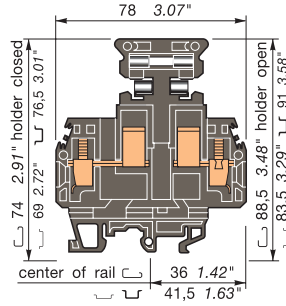
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

|  |                                 |       |
|--|---------------------------------|-------|
|  | 1 End section                   | black |
|  | 2 Test plug                     |       |
|  | 3 Test socket                   |       |
|  | 4 Standard jumper bar           |       |
|  | 5 Screw for BJ                  |       |
|  | 6 Washer for BJ                 |       |
|  | 7 Fuse 5 x 20                   | 250 V |
|  | 8 Fusion indicator              |       |
|  | 9 Comb-type jumper bar          | 70 A  |
|  | R See section on marking method |       |

## MU 10/13.SF1

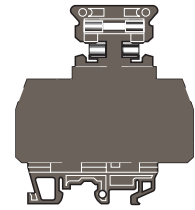
Spacing 13 mm (.512")



13 mm block for fusion indicator (to be ordered separately).

## MU 10/14,5.SF1

Spacing 14,5 mm (.571")



14,5 mm block for fusion indicator (to be ordered separately).



| Colour   | Type         | Part numbers        |
|----------|--------------|---------------------|
| Black V0 | MU 10/13.SF1 | 1 SNA 199 012 R1700 |



| Colour   | Type           | Part numbers        |
|----------|----------------|---------------------|
| Black V0 | MU 10/14,5.SF1 | 1 SNA 199 011 R1600 |

### Characteristics

| Wire size | Screw clamp | Rigid    | NFC | DIN | UL | CSA |
|-----------|-------------|----------|-----|-----|----|-----|
|           |             |          |     |     |    |     |
|           |             | Flexible |     |     |    |     |

### Voltage

|                   |                |           |           |
|-------------------|----------------|-----------|-----------|
| Rated             | 750 V Gr.C (1) | 600 V (1) | 600 V (1) |
| Impulse withstand |                |           |           |
| Pollution degree  |                |           |           |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 16 A | 16 A | 16 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
|-----------------------|---------------------|----------------------------|--------------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

### Characteristics

| Wire size | Screw clamp | Rigid    | NFC | DIN | UL | CSA |
|-----------|-------------|----------|-----|-----|----|-----|
|           |             |          |     |     |    |     |
|           |             | Flexible |     |     |    |     |

### Voltage

|                   |                |           |           |
|-------------------|----------------|-----------|-----------|
| Rated             | 750 V Gr.C (1) | 600 V (1) | 600 V (1) |
| Impulse withstand |                |           |           |
| Pollution degree  |                |           |           |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 16 A | 16 A | 16 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
|-----------------------|---------------------|----------------------------|--------------|
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

| Type                                                                            | Part numbers        |
|---------------------------------------------------------------------------------|---------------------|
| FEM13U V0 th. 1,5 mm                                                            | 1 SNA 199 635 R2400 |
| FC2 DIA. 2 mm                                                                   | 1 SNA 007 865 R2600 |
| FC4 DIA. 4 mm                                                                   | 1 SNA 167 860 R0100 |
| AL2 DIA. 2 mm                                                                   | 1 SNA 163 043 R2100 |
| AL3 DIA. 3 mm                                                                   | 1 SNA 163 261 R0000 |
| AL4 DIA. 4 mm                                                                   | 1 SNA 163 262 R0100 |
| BJS131 10 poles                                                                 | 1 SNA 175 991 R1100 |
| VJS11                                                                           | 1 SNA 163 394 R2600 |
| RDJ11                                                                           | 1 SNA 168 783 R0100 |
| FU520 0,5 A                                                                     | 1 SNA 008 288 R1500 |
| 1 A                                                                             | 1 SNA 008 290 R1300 |
| 2 A                                                                             | 1 SNA 008 291 R0000 |
| 3,15 A                                                                          | 1 SNA 008 289 R1600 |
| 5 A                                                                             | 1 SNA 008 292 R0100 |
| FU525 1,6 A                                                                     | 1 SNA 167 546 R2200 |
| 2 A                                                                             | 1 SNA 167 547 R2300 |
| 2,5 A                                                                           | 1 SNA 167 548 R0400 |
| 4 A                                                                             | 1 SNA 167 549 R0500 |
| 6,3 A                                                                           | 1 SNA 167 550 R0200 |
| LEN Neon 110 - 230 VAC                                                          | 1 SNA 167 075 R2500 |
| Neon 480 VAC                                                                    | 1 SNA 103 909 R0000 |
| Leakage current with neon indicator < 0,5 mA (110 & 480 VAC) < 0,7 mA (230 VAC) |                     |
| PC 13 10 poles                                                                  | 1 SNA 173 510 R2000 |
| RC65 - RC610 RC810 Sides of block RC1010                                        |                     |

| Type                                                                            | Part numbers        |
|---------------------------------------------------------------------------------|---------------------|
| FC2 closed block delivered with plate DIA. 2 mm                                 | 1 SNA 007 865 R2600 |
| FC4 DIA. 4 mm                                                                   | 1 SNA 167 860 R0100 |
| AL2 DIA. 2 mm                                                                   | 1 SNA 163 043 R2100 |
| AL3 DIA. 3 mm                                                                   | 1 SNA 163 261 R0000 |
| AL4 DIA. 4 mm                                                                   | 1 SNA 163 262 R0100 |
| FU520 0,5 A                                                                     | 1 SNA 008 288 R1500 |
| 1 A                                                                             | 1 SNA 008 290 R1300 |
| 2 A                                                                             | 1 SNA 008 291 R0000 |
| 3,15 A                                                                          | 1 SNA 008 289 R1600 |
| 5 A                                                                             | 1 SNA 008 292 R0100 |
| FU525 1,6 A                                                                     | 1 SNA 167 546 R2200 |
| 2 A                                                                             | 1 SNA 167 547 R2300 |
| 2,5 A                                                                           | 1 SNA 167 548 R0400 |
| 4 A                                                                             | 1 SNA 167 549 R0500 |
| 6,3 A                                                                           | 1 SNA 167 550 R0200 |
| LEN Neon 110 - 230 VAC                                                          | 1 SNA 167 075 R2500 |
| Neon 480 VAC                                                                    | 1 SNA 103 909 R0000 |
| Leakage current with neon indicator < 0,5 mA (110 & 480 VAC) < 0,7 mA (230 VAC) |                     |
| RC65 - RC610 RC810 Sides of block RC1010                                        |                     |

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.

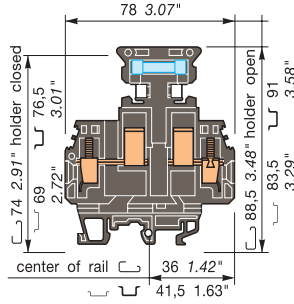
### Fuse holder terminal blocks for 6,35 x 25,4 mm <sup>1/4</sup> x 1 in. and 6,35 x 32 mm <sup>1/4</sup> x 1 <sup>1/4</sup> in. fuses

#### Screw clamp

 **DIN 1 - DIN 3**

### MU 10/13.SF2

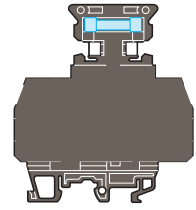
Spacing 13 mm (.512")



13 mm block for fusion indicator (to be ordered separately).

### MU 10/14,5.SF2

Spacing 14,5 mm (.571")



14,5 mm block for fusion indicator (to be ordered separately).

| Colour   | Type                | Part numbers       |
|----------|---------------------|--------------------|
| Black V0 | <b>MU 10/13.SF2</b> | 1SNA 199 014 R1100 |

| Colour   | Type                  | Part numbers       |
|----------|-----------------------|--------------------|
| Black V0 | <b>MU 10/14,5.SF2</b> | 1SNA 199 013 R1000 |

#### Characteristics

| Wire size   | Wire size |                        |           |            |
|-------------|-----------|------------------------|-----------|------------|
|             | NFC DIN   | UL                     | CSA       |            |
| Screw clamp | Rigid     | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |
|             | Flexible  | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |

#### Characteristics

| Wire size   | Wire size |                        |           |            |
|-------------|-----------|------------------------|-----------|------------|
|             | NFC DIN   | UL                     | CSA       |            |
| Screw clamp | Rigid     | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |
|             | Flexible  | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |

| Voltage               |                     |                            |              |
|-----------------------|---------------------|----------------------------|--------------|
| Rated                 | 750 V Gr.C (1)      | 600 V (1)                  | 600 V (1)    |
| Impulse withstand     |                     |                            |              |
| Pollution degree      |                     |                            |              |
| Current               |                     |                            |              |
| Rated                 | 16 A                | 16 A                       | 16 A         |
| Wire size             |                     |                            |              |
| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

| Voltage               |                     |                            |              |
|-----------------------|---------------------|----------------------------|--------------|
| Rated                 | 750 V Gr.C (1)      | 600 V (1)                  | 600 V (1)    |
| Impulse withstand     |                     |                            |              |
| Pollution degree      |                     |                            |              |
| Current               |                     |                            |              |
| Rated                 | 16 A                | 16 A                       | 16 A         |
| Wire size             |                     |                            |              |
| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

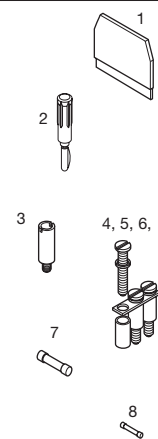
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### Accessories



| Type                                       | Part numbers                              |
|--------------------------------------------|-------------------------------------------|
| 1 End section black                        | FEM13U V0 th. 1,5 mm 1SNA 199 635 R2400   |
| 2 Test plug                                | FC2 DIA. 2 mm 1SNA 007 865 R2600          |
| 3 Test socket                              | FC4 DIA. 4 mm 1SNA 167 860 R0100          |
| 4 Standard jumper bar                      | AL2 DIA. 2 mm 1SNA 163 043 R2100          |
| 5 Screw for BJ                             | AL3 DIA. 3 mm 1SNA 163 261 R0000          |
| 6 Washer for BJ                            | AL4 DIA. 4 mm 1SNA 163 262 R0100          |
| 7 Fuse 6,35 x 32                           | BJS131 10 poles 1SNA 175 991 R1100        |
| Quick blow fuse cartridge as per UTE 93435 | VJS11 1SNA 163 394 R2600                  |
|                                            | RDJ11 1SNA 168 783 R0100                  |
| 8 Fusion indicator                         | FU633 6,35 x 32                           |
|                                            | 0,25 A 1SNA 168 554 R0300                 |
|                                            | 0,63 A 1SNA 168 555 R0400                 |
|                                            | 1 A 1SNA 168 556 R0500                    |
|                                            | 1,6 A 1SNA 168 557 R0600                  |
|                                            | 2,5 A 1SNA 168 558 R1700                  |
|                                            | 4 A 1SNA 168 559 R1000                    |
|                                            | 6,3 A 1SNA 168 560 R1500                  |
|                                            | 10 A 1SNA 168 561 R0200                   |
|                                            | 16 A 1SNA 168 562 R0300                   |
|                                            | LEN Neon 110 - 230 VAC 1SNA 167 075 R2500 |
|                                            | Neon 480 VAC 1SNA 103 909 R0000           |
|                                            | Leakage current with neon indicator       |
|                                            | < 0,5 mA (110 & 480 VAC)                  |
|                                            | < 0,7 mA (230 VAC)                        |

| Type                                | Part numbers       |
|-------------------------------------|--------------------|
| delivered with the block            |                    |
| FC2 DIA. 2 mm                       | 1SNA 007 865 R2600 |
| FC4 DIA. 4 mm                       | 1SNA 167 860 R0100 |
| AL2 DIA. 2 mm                       | 1SNA 163 043 R2100 |
| AL3 DIA. 3 mm                       | 1SNA 163 261 R0000 |
| AL4 DIA. 4 mm                       | 1SNA 163 262 R0100 |
| FU633 6,35 x 32                     |                    |
| 0,25 A                              | 1SNA 168 554 R0300 |
| 0,63 A                              | 1SNA 168 555 R0400 |
| 1 A                                 | 1SNA 168 556 R0500 |
| 1,6 A                               | 1SNA 168 557 R0600 |
| 2,5 A                               | 1SNA 168 558 R1700 |
| 4 A                                 | 1SNA 168 559 R1000 |
| 6,3 A                               | 1SNA 168 560 R1500 |
| 10 A                                | 1SNA 168 561 R0200 |
| 16 A                                | 1SNA 168 562 R0300 |
| LEN Neon 110 - 230 VAC              | 1SNA 167 075 R2500 |
| Neon 480 VAC                        | 1SNA 103 909 R0000 |
| Leakage current with neon indicator |                    |
| < 0,5 mA (110 & 480 VAC)            |                    |
| < 0,7 mA (230 VAC)                  |                    |

| Type                                | Part numbers       |
|-------------------------------------|--------------------|
| delivered with the block            |                    |
| FC2 DIA. 2 mm                       | 1SNA 007 865 R2600 |
| FC4 DIA. 4 mm                       | 1SNA 167 860 R0100 |
| AL2 DIA. 2 mm                       | 1SNA 163 043 R2100 |
| AL3 DIA. 3 mm                       | 1SNA 163 261 R0000 |
| AL4 DIA. 4 mm                       | 1SNA 163 262 R0100 |
| FU633 6,35 x 32                     |                    |
| 0,25 A                              | 1SNA 168 554 R0300 |
| 0,63 A                              | 1SNA 168 555 R0400 |
| 1 A                                 | 1SNA 168 556 R0500 |
| 1,6 A                               | 1SNA 168 557 R0600 |
| 2,5 A                               | 1SNA 168 558 R1700 |
| 4 A                                 | 1SNA 168 559 R1000 |
| 6,3 A                               | 1SNA 168 560 R1500 |
| 10 A                                | 1SNA 168 561 R0200 |
| 16 A                                | 1SNA 168 562 R0300 |
| LEN Neon 110 - 230 VAC              | 1SNA 167 075 R2500 |
| Neon 480 VAC                        | 1SNA 103 909 R0000 |
| Leakage current with neon indicator |                    |
| < 0,5 mA (110 & 480 VAC)            |                    |
| < 0,7 mA (230 VAC)                  |                    |

**R** See section on markers marking method

RC65 - RC610 RC810 Sides of block RC1010

RC65 - RC610 RC810 Sides of block RC1010








Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.



# Switch terminal blocks with neutral cartridge

## Screw clamp

 DIN 1 - DIN 3

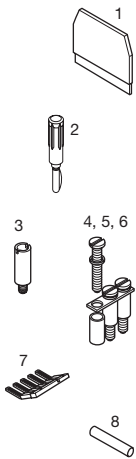
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|          |                       |       |
|----------|-----------------------|-------|
| <b>1</b> | End section           | black |
| <b>2</b> | Test plug             |       |
| <b>3</b> | Test socket           |       |
| <b>4</b> | Standard jumper bar   | 57 A  |
| <b>5</b> | Screw for <b>BJS</b>  |       |
| <b>6</b> | Washer for <b>BJS</b> |       |
| <b>7</b> | Comb-type jumper bar  | 70 A  |
| <b>8</b> | Neutral cartridge     |       |

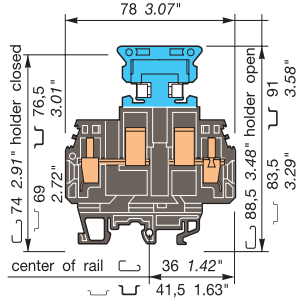
R



**R** See section on markers marking method

## MU 10/13.SN3

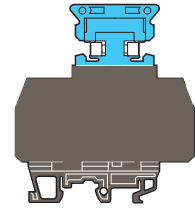
Spacing 13 mm (.512")






13 mm block with neutral cartridge locked on blue holder.




## MU 10/14,5.SN3

Spacing 14,5 mm (.571")



14,5 mm block with neutral cartridge locked on blue holder.

|                |  |                    |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
| Colour                                                                                          | Type                                                                                | Part numbers       |
| Black/Blue V0  | <b>MU 10/13.SN3</b>                                                                 | 1SNA 199 021 R1000 |

|                |  |                    |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
| Colour                                                                                            | Type                                                                                | Part numbers       |
| Black/Blue V0  | <b>MU 10/14,5.SN3</b>                                                               | 1SNA 199 015 R1200 |

### Characteristics

| Wire size   | NFC DIN |          |                        | UL        | CSA        |
|-------------|---------|----------|------------------------|-----------|------------|
|             | Rigid   | Flexible | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |
| Screw clamp |         |          | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |

| Voltage           |            |       |       |
|-------------------|------------|-------|-------|
| Rated             | 750 V Gr.C | 600 V | 600 V |
| Impulse withstand |            |       |       |
| Pollution degree  |            |       |       |
| Current           |            |       |       |
| Rated             | 16 A       | 16 A  | 16 A  |

| Wire size             |                     |                            |              |
|-----------------------|---------------------|----------------------------|--------------|
| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

### Characteristics

| Wire size   | NFC DIN |          |                        | UL        | CSA        |
|-------------|---------|----------|------------------------|-----------|------------|
|             | Rigid   | Flexible | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |
| Screw clamp |         |          | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 6 AWG max. |

| Voltage           |            |       |       |
|-------------------|------------|-------|-------|
| Rated             | 750 V Gr.C | 600 V | 600 V |
| Impulse withstand |            |       |       |
| Pollution degree  |            |       |       |
| Current           |            |       |       |
| Rated             | 16 A       | 16 A  | 16 A  |

| Wire size             |                     |                            |              |
|-----------------------|---------------------|----------------------------|--------------|
| Rated / Gauge         | 10 mm <sup>2</sup>  | 10 AWG                     | 6 AWG        |
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection   |
| 12 mm .47"            | 5,5 mm .22"         | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 20 NEMA 1 |

| Type                 | Part numbers       |
|----------------------|--------------------|
| FEM13U V0 th. 1,5 mm | 1SNA 199 635 R2400 |
| FC2 DIA. 2 mm        | 1SNA 007 865 R2600 |
| FC4 DIA. 4 mm        | 1SNA 167 860 R0100 |
| AL2 DIA. 2 mm        | 1SNA 163 043 R2100 |
| AL3 DIA. 3 mm        | 1SNA 163 261 R0000 |
| AL4 DIA. 4 mm        | 1SNA 163 262 R0100 |
| BJS131 10 poles      | 1SNA 175 991 R1100 |
| VJS11                | 1SNA 163 394 R2600 |
| RDJ11                | 1SNA 168 783 R0100 |
| PC13 10 poles        | 1SNA 173 510 R2000 |
| CN                   | 1SNA 173 582 R1500 |

| Type                     | Part numbers       |
|--------------------------|--------------------|
| delivered with the block |                    |
| FC2 DIA. 2 mm            | 1SNA 007 865 R2600 |
| FC4 DIA. 4 mm            | 1SNA 167 860 R0100 |
| AL2 DIA. 2 mm            | 1SNA 163 043 R2100 |
| AL3 DIA. 3 mm            | 1SNA 163 261 R0000 |
| AL4 DIA. 4 mm            | 1SNA 163 262 R0100 |
| CN                       | 1SNA 173 582 R1500 |

RC65 - RC610 RC810 Sides of block RC1010

RC65 - RC610 RC810 Sides of block RC1010

## Fuse holder terminal blocks for 6,35 x 25,4 mm <sup>1/4</sup> x 1 in. and 6,35 x 32 mm <sup>1/4</sup> x 1 <sup>1/4</sup> in. fuses

### Screw clamp

DIN 1 - DIN 3



|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

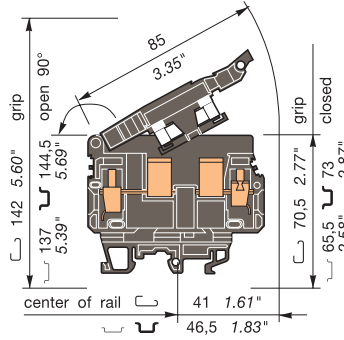
|  |                                                                                                           |       |
|--|-----------------------------------------------------------------------------------------------------------|-------|
|  | 1 End section                                                                                             | black |
|  | 2 Test plug                                                                                               |       |
|  | 3 Test socket                                                                                             |       |
|  | 4 Standard jumper bar screw for BJS washer for BJS                                                        |       |
|  | 5 Comb-type jumper bar                                                                                    | 70 A  |
|  | 6 Assembly rod                                                                                            |       |
|  | 7 Assembly ring                                                                                           |       |
|  | 8 Fuse 6,35x32 mm ( <sup>1/4</sup> x 1 <sup>1/4</sup> in.) BPC quick-blow fuse cartridge as per IEC 127-2 |       |
|  | HPC time delay fuse cartridge as per UL 198G                                                              |       |



R See section on marking method

### ML 10/13.SF

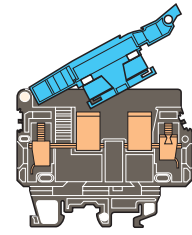
Spacing 13 mm (.512")



13 mm standard block.

### ML 10/13.SN

Spacing 13 mm (.512")



13 mm block with disconnect link bar locked on blue lever.

| Colour   | Type          | Part numbers       | Colour          | Type          | Part numbers       |
|----------|---------------|--------------------|-----------------|---------------|--------------------|
| Black V0 | ■ ML 10/13.SF | 1SNA 199 095 R1300 | Black / Blue V0 | ■ ML 10/13.SN | 1SNA 199 105 R2200 |

### Characteristics

| Wire size   | IEC      |                        | UL        | CSA      |
|-------------|----------|------------------------|-----------|----------|
|             | NFC      | DIN                    |           |          |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |

| Voltage           | 800 V (1) |                   | 600 V (1) |                   |
|-------------------|-----------|-------------------|-----------|-------------------|
|                   | Rated     | Impulse withstand | Rated     | Impulse withstand |
| Rated             | 800 V     | 8 kV              | 600 V     | 600 V             |
| Impulse withstand | 8 kV      | 3                 | 600 V     | 600 V             |
| Pollution degree  | 3         |                   | 3         |                   |

| Current           | 16 A  |                   | 25 A  |                   |
|-------------------|-------|-------------------|-------|-------------------|
|                   | Rated | Impulse withstand | Rated | Impulse withstand |
| Rated             | 16 A  | 25 A              | 25 A  | 25 A              |
| Impulse withstand | 25 A  | 25 A              | 25 A  | 25 A              |

| Wire size             | 10 mm <sup>2</sup> / A6 |                       | 10 AWG              |                 | 8 AWG      |  |
|-----------------------|-------------------------|-----------------------|---------------------|-----------------|------------|--|
|                       | Rated / Gauge           | Wire stripping length | Recomm. screwdriver | Recomm. torque  | Protection |  |
| Rated / Gauge         | 10 mm <sup>2</sup> / A6 | 12 mm                 | 5,5 mm              | 1,2-1,4 Nm      | Protection |  |
| Wire stripping length |                         | .472"                 |                     | 10.6-12.3 lb.in |            |  |

### Characteristics

| Wire size   | IEC      |                        | UL        | CSA      |
|-------------|----------|------------------------|-----------|----------|
|             | NFC      | DIN                    |           |          |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |

| Voltage           | 800 V |                   | 600 V |                   |
|-------------------|-------|-------------------|-------|-------------------|
|                   | Rated | Impulse withstand | Rated | Impulse withstand |
| Rated             | 800 V | 8 kV              | 600 V | 600 V             |
| Impulse withstand | 8 kV  | 3                 | 600 V | 600 V             |
| Pollution degree  | 3     |                   | 3     |                   |

| Current           | 16 A  |                   | 25 A  |                   |
|-------------------|-------|-------------------|-------|-------------------|
|                   | Rated | Impulse withstand | Rated | Impulse withstand |
| Rated             | 16 A  | 25 A              | 25 A  | 25 A              |
| Impulse withstand | 25 A  | 25 A              | 25 A  | 25 A              |

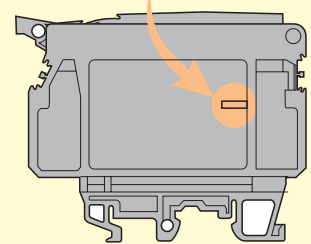
| Wire size             | 10 mm <sup>2</sup> / A6 |                       | 10 AWG              |                 | 8 AWG      |  |
|-----------------------|-------------------------|-----------------------|---------------------|-----------------|------------|--|
|                       | Rated / Gauge           | Wire stripping length | Recomm. screwdriver | Recomm. torque  | Protection |  |
| Rated / Gauge         | 10 mm <sup>2</sup> / A6 | 12 mm                 | 5,5 mm              | 1,2-1,4 Nm      | Protection |  |
| Wire stripping length |                         | .472"                 |                     | 10.6-12.3 lb.in |            |  |

| Type       | Part numbers                  |
|------------|-------------------------------|
| FEM13U V0  | th. 1,5 mm 1SNA 199 635 R2400 |
| FC2        | DIA. 2 mm 1SNA 007 865 R2600  |
| FC4        | DIA. 4 mm 1SNA 167 860 R0100  |
| AL2        | DIA. 2 mm 1SNA 163 043 R2100  |
| AL3        | DIA. 3 mm 1SNA 163 261 R0000  |
| AL4        | DIA. 4 mm 1SNA 163 262 R0100  |
| BJS131 (2) | 10 poles 1SNA 175 991 R1100   |
| VJS11      | 1SNA 163 394 R2600            |
| RDJ11      | 1SNA 168 783 R0100            |
| PC13       | 10 poles 1SNA 173 510 R2000   |
| TGA13      | 2 poles 1SNA 168 564 R0500    |
| TGA13      | 3 poles 1SNA 168 565 R0600    |
| TGA13      | 4 poles 1SNA 168 566 R0700    |
| ANT        | 1SNA 168 675 R1400            |
| FU633      | 6,35 x 32                     |
|            | 0,25 A 1SNA 168 554 R0300     |
|            | 0,63 A 1SNA 168 555 R0400     |
|            | 1 A 1SNA 168 556 R0500        |
|            | 1,6 A 1SNA 168 557 R0600      |
|            | 2,5 A 1SNA 168 558 R1700      |
|            | 4 A 1SNA 168 559 R1000        |
|            | 6,3 A 1SNA 168 560 R1500      |
|            | 10 A 1SNA 168 561 R0200       |
|            | 16 A 1SNA 168 562 R0300       |

| Type       | Part numbers                  |
|------------|-------------------------------|
| FEM13U V0  | th. 1,5 mm 1SNA 199 635 R2400 |
| FC2        | DIA. 2 mm 1SNA 007 865 R2600  |
| FC4        | DIA. 4 mm 1SNA 167 860 R0100  |
| AL2        | DIA. 2 mm 1SNA 163 043 R2100  |
| AL3        | DIA. 3 mm 1SNA 163 261 R0000  |
| AL4        | DIA. 4 mm 1SNA 163 262 R0100  |
| BJS131 (2) | 10 poles 1SNA 175 991 R1100   |
| VJS11      | 1SNA 163 394 R2600            |
| RDJ11      | 1SNA 168 783 R0100            |
| PC13       | 10 poles 1SNA 173 510 R2000   |
| TGA13      | 2 poles 1SNA 168 564 R0500    |
| TGA13      | 3 poles 1SNA 168 565 R0600    |
| TGA13      | 4 poles 1SNA 168 566 R0700    |
| ANT        | 1SNA 168 675 R1400            |

### Installation of jumper bar not assembled

Use of the BJS requires the user to cut out the partition



RC610 on top of block RC810 on sides of block RC1010 RC610 on top of block RC810 on sides of block RC1010

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Use of these accessories require the user to cut out the partition.

### Fuse holder terminal blocks for 6,35 x 25,4 mm <sup>1/4</sup> x 1 in. and 6,35 x 32 mm <sup>1/4</sup> x 1 <sup>1/4</sup> in. fuses

Screw clamp  
DIN 1 - DIN 3

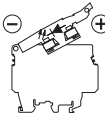


|          |  |               |         |    |                     |
|----------|--|---------------|---------|----|---------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200  |
| End stop |  | th. 10 mm     | BAM2    | V0 | 1SNA 206 351 R16000 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R00000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700  |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200  |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200  |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400  |

Other end stops, rails and accessories : see section on accessories.

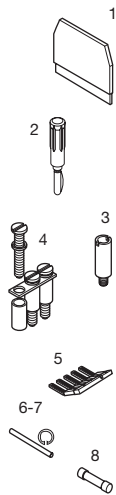
#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.



\* Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.

#### Accessories

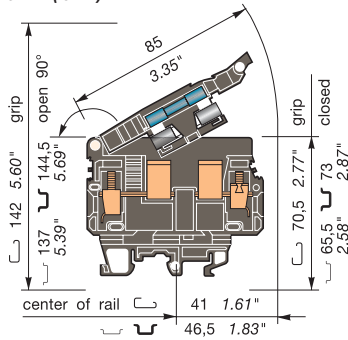


|          |                                                                               |       |
|----------|-------------------------------------------------------------------------------|-------|
| <b>1</b> | End section                                                                   | black |
| <b>2</b> | Test plug                                                                     |       |
| <b>3</b> | Test socket                                                                   |       |
| <b>4</b> | Standard jumper bar screw for BJS washer for BJS                              |       |
| <b>5</b> | Comb-type jumper bar                                                          | 70 A  |
| <b>6</b> | Assembly rod                                                                  |       |
| <b>7</b> | Assembly ring                                                                 |       |
| <b>8</b> | Fuse 6,35x32 mm (1/4 x 1 1/4") BPC quick-blow fuse cartridge as per IEC 127-2 |       |
|          | HPC time delay fuse cartridge as per UL 198G                                  |       |

R See section on markers marking method

### ML 10/13.SFL...

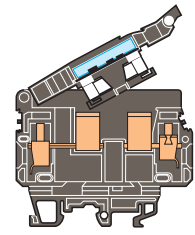
Spacing 13 mm (.512")



13 mm block with neon fusion indicator.

### ML 10/13.SFD...

Spacing 13 mm (.512")



13 mm block with LED fusion indicator.

| Colour            | Type          | Part numbers       | Colour           | Type          | Part numbers       |
|-------------------|---------------|--------------------|------------------|---------------|--------------------|
| Black V0/110-230V | ML 10/13.SFL  | 1SNA 199 168 R0000 | Black V0/LED 24V | ML 10/13.SFD  | 1SNA 199 166 R2600 |
| Black V0/480V     | ML 10/13.SFL1 | 1SNA 199 165 R2500 | Black V0/LED 48V | ML 10/13.SFD1 | 1SNA 199 167 R2700 |

#### Characteristics

| Wire size   | IEC      |                        |           | UL       | CSA |
|-------------|----------|------------------------|-----------|----------|-----|
|             | NFC      | DIN                    |           |          |     |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |     |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |     |

| Voltage           | Rated | 800 V (1) | 600 V (1) | 600 V (1) |
|-------------------|-------|-----------|-----------|-----------|
| Rated             |       |           |           |           |
| Impulse withstand |       | 8 kV      |           |           |
| Pollution degree  |       | 3         |           |           |
| Current           | Rated | 16 A      | 25 A      | 25 A      |

| Wire size             | Rated / Gauge | 10 mm <sup>2</sup> / A6 | 10 AWG                     | 8 AWG      |
|-----------------------|---------------|-------------------------|----------------------------|------------|
| Wire stripping length |               | Recomm. screwdriver     | Recomm. torque             | Protection |
|                       | 12 mm .472"   | 5,5 mm .217"            | 1,2-1,4 Nm 10.6-12.3 lb.in |            |

#### Characteristics

| Wire size   | IEC      |                        |           | UL       | CSA |
|-------------|----------|------------------------|-----------|----------|-----|
|             | NFC      | DIN                    |           |          |     |
| Screw clamp | Rigid    | 0,5-16 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |     |
|             | Flexible | 0,5-10 mm <sup>2</sup> | 22-10 AWG | 22-8 AWG |     |

| Voltage           | Rated | 800 V (1) | 600 V (1) | 600 V (1) |
|-------------------|-------|-----------|-----------|-----------|
| Rated             |       |           |           |           |
| Impulse withstand |       | 8 kV      |           |           |
| Pollution degree  |       | 3         |           |           |
| Current           | Rated | 16 A      | 25 A      | 25 A      |

| Wire size             | Rated / Gauge | 10 mm <sup>2</sup> / A6 | 10 AWG                     | 8 AWG      |
|-----------------------|---------------|-------------------------|----------------------------|------------|
| Wire stripping length |               | Recomm. screwdriver     | Recomm. torque             | Protection |
|                       | 12 mm .472"   | 5,5 mm .217"            | 1,2-1,4 Nm 10.6-12.3 lb.in |            |

| Type       | Part numbers                  |
|------------|-------------------------------|
| FEM13U V0  | th. 1,5 mm 1SNA 199 635 R2400 |
| FC2        | DIA. 2 mm 1SNA 007 865 R2600  |
| FC4        | DIA. 4 mm 1SNA 167 860 R0100  |
| AL2        | DIA. 2 mm 1SNA 163 043 R2100  |
| AL3        | DIA. 3 mm 1SNA 163 261 R0000  |
| AL4        | DIA. 4 mm 1SNA 163 262 R0100  |
| BJS131 (2) | 10 poles 1SNA 175 991 R1100   |
| VJS11      | 1SNA 163 394 R2600            |
| RDJ11      | 1SNA 168 783 R0100            |
| PC13       | 10 poles 1SNA 173 510 R2000   |
| TGA13      | 2 poles 1SNA 168 564 R0500    |
| TGA13      | 3 poles 1SNA 168 565 R0600    |
| TGA13      | 4 poles 1SNA 168 566 R0700    |
| ANT        | 1SNA 168 675 R1400            |
| FU633      | 6,35 x 32                     |
|            | 0,25 A 1SNA 168 554 R0300     |
|            | 0,63 A 1SNA 168 555 R0400     |
|            | 1 A 1SNA 168 556 R0500        |
|            | 1,6 A 1SNA 168 557 R0600      |
|            | 2,5 A 1SNA 168 558 R1700      |
|            | 4 A 1SNA 168 559 R1000        |
|            | 6,3 A 1SNA 168 560 R1500      |
|            | 10 A 1SNA 168 561 R0200       |
|            | 16 A 1SNA 168 562 R0300       |

Leakage current with neon indicator < 0,5 mA (110 & 480 V) < 0,7 mA (230 V)

| Type       | Part numbers                  |
|------------|-------------------------------|
| FEM13U V0  | th. 1,5 mm 1SNA 199 635 R2400 |
| FC2        | DIA. 2 mm 1SNA 007 865 R2600  |
| FC4        | DIA. 4 mm 1SNA 167 860 R0100  |
| AL2        | DIA. 2 mm 1SNA 163 043 R2100  |
| AL3        | DIA. 3 mm 1SNA 163 261 R0000  |
| AL4        | DIA. 4 mm 1SNA 163 262 R0100  |
| BJS131 (2) | 10 poles 1SNA 175 991 R1100   |
| VJS11      | 1SNA 163 394 R2600            |
| RDJ11      | 1SNA 168 783 R0100            |
| PC13       | 10 poles 1SNA 173 510 R2000   |
| TGA13      | 2 poles 1SNA 168 564 R0500    |
| TGA13      | 3 poles 1SNA 168 565 R0600    |
| TGA13      | 4 poles 1SNA 168 566 R0700    |
| ANT        | 1SNA 168 675 R1400            |
| FU633      | 6,35 x 32                     |
|            | 0,25 A 1SNA 168 554 R0300     |
|            | 0,63 A 1SNA 168 555 R0400     |
|            | 1 A 1SNA 168 556 R0500        |
|            | 1,6 A 1SNA 168 557 R0600      |
|            | 2,5 A 1SNA 168 558 R1700      |
|            | 4 A 1SNA 168 559 R1000        |
|            | 6,3 A 1SNA 168 560 R1500      |
|            | 10 A 1SNA 168 561 R0200       |
|            | 16 A 1SNA 168 562 R0300       |

Leakage current with LED indicator 24 V or 48 V < 4,5 mA

RC610 on top of block RC810 on sides of block RC1010

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Use of these accessories requires the user to cut out the partition.

## Fuse holder terminal blocks for 6,35 x 32 mm <sup>1</sup>/<sub>4</sub> x 1 <sup>1</sup>/<sub>4</sub> in. fuses

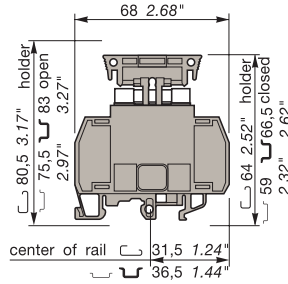
### Screw clamp

 **DIN 1 - DIN 3**



### M 10/16.SF...

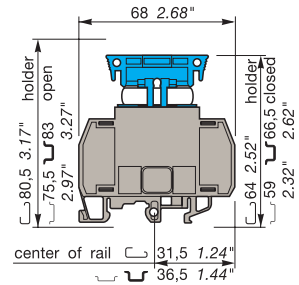
Spacing 16 mm (.630")





16 mm block with or without fusion indicator.


### M 10/16.SN

Spacing 16 mm (.630")



16 mm block with disconnect link bar locked on blue holder.

| Colour                                          | Type                                                                                                 | Part numbers       |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------|
| Without fusion indicator :                      |                                                                                                      |                    |
| Grey                                            |  <b>M 10/16.SF</b>  | 1SNA 115 377 R2400 |
| For fusion indicator to be ordered separately : |                                                                                                      |                    |
| Grey                                            |  <b>M 10/16.SFL</b> | 1SNA 115 378 R0500 |








| Colour | Type                                                                                                  | Part numbers       |
|--------|-------------------------------------------------------------------------------------------------------|--------------------|
| Grey   |  <b>M 10/16.SN</b> | 1SNA 115 379 R0600 |

| Characteristics |             |                        |          |          |
|-----------------|-------------|------------------------|----------|----------|
| Wire size       | Screw clamp | Wire size              |          |          |
|                 |             | NFC DIN                | UL       | CSA      |
| Rigid           |             | 0,5-10 mm <sup>2</sup> | 18-8 AWG | 20-8 AWG |
| Flexible        |             | 0,5-6 mm <sup>2</sup>  | 18-8 AWG | 20-8 AWG |

| Characteristics |             |                        |          |          |
|-----------------|-------------|------------------------|----------|----------|
| Wire size       | Screw clamp | Wire size              |          |          |
|                 |             | NFC DIN                | UL       | CSA      |
| Rigid           |             | 0,5-10 mm <sup>2</sup> | 18-8 AWG | 20-8 AWG |
| Flexible        |             | 0,5-6 mm <sup>2</sup>  | 18-8 AWG | 20-8 AWG |

| Voltage               |                     |                        |            |
|-----------------------|---------------------|------------------------|------------|
| Rated                 | 750 V Gr.C (1)      | 600 V (1)              | 600 V (1)  |
| Impulse withstand     |                     |                        |            |
| Pollution degree      |                     |                        |            |
| Current               |                     |                        |            |
| Rated                 | 16 A                | 16 A                   | 16 A       |
| Wire size             |                     |                        |            |
| Rated / Gauge         | 10 mm <sup>2</sup>  | 8 AWG                  | 8 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
| 11 mm .433"           | 5,5 mm .217"        | 0,8-1 Nm 7.1-8.9 lb.in |            |

| Voltage               |                     |                        |            |
|-----------------------|---------------------|------------------------|------------|
| Rated                 | 750 V Gr.C (1)      | 600 V                  | 600 V      |
| Impulse withstand     |                     |                        |            |
| Pollution degree      |                     |                        |            |
| Current               |                     |                        |            |
| Rated                 | 16 A                | 16 A                   | 16 A       |
| Wire size             |                     |                        |            |
| Rated / Gauge         | 10 mm <sup>2</sup>  | 8 AWG                  | 8 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |
| 11 mm .433"           | 5,5 mm .217"        | 0,8-1 Nm 7.1-8.9 lb.in |            |

|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



| Type                                   | Part numbers                                                                                                                                                                                                                                                               |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Fuse 6,35 x 32 quick-blow fuse 250 V | FU633<br>6,35 x 32<br>0,25 A 1SNA 168 554 R0300<br>0,63 A 1SNA 168 555 R0400<br>1 A 1SNA 168 556 R0500<br>1,6 A 1SNA 168 557 R0600<br>2,5 A 1SNA 168 558 R1700<br>4 A 1SNA 168 559 R1000<br>6,3 A 1SNA 168 560 R1500<br>10 A 1SNA 168 561 R0200<br>16 A 1SNA 168 562 R0300 |
| 2 Comb-type jumper bar 70 A            | PC16 2 poles 1SNA 116 729 R2600<br>70 A PC16 3 poles 1SNA 116 733 R1200<br>70 A PC16 4 poles 1SNA 116 734 R1300<br>70 A PC16 10 poles 1SNA 116 735 R1400                                                                                                                   |
| 3 Insulating tip                       | EIP 1SNA 113 550 R2400                                                                                                                                                                                                                                                     |
| 4 Fusion indicator (2)                 | LEN (2) Neon 110 - 230 V AC 1SNA 167 075 R2500<br>LEN (2) Neon 480 V AC 1SNA 103 909 R0000<br>Leakage current < 0,5 mA (110 & 480 V)<br>with neon indicator < 0,7 mA (230 V AC)                                                                                            |

| Type          | Part numbers         |
|---------------|----------------------|
| PC16 2 poles  | 1SNA 116 729 R2600   |
| PC16 3 poles  | 1SNA 116 733 R1200   |
| PC16 4 poles  | 1SNA 116 734 R1300   |
| PC16 10 poles | 1SNA 116 735 R1400   |
| EIP           | 1SNA 113 550 R2400   |
| RC65 - RC610  | RC810 Sides of block |
| RC1010        |                      |

| Type          | Part numbers       |
|---------------|--------------------|
| PC16 2 poles  | 1SNA 116 729 R2600 |
| PC16 3 poles  | 1SNA 116 733 R1200 |
| PC16 4 poles  | 1SNA 116 734 R1300 |
| PC16 10 poles | 1SNA 116 735 R1400 |
| EIP           | 1SNA 113 550 R2400 |



### GANGED POLYPHASE FUSE DISCONNECT

Hinged lever and pop-up carrier fuse holders are available in ganged polyphase 2, 3 and 4 pole assemblies, with up to 32 A fuses. Use for convenient manual isolating switches.

RC65 - RC610 RC810 Sides of block RC1010








Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Only for block P/N : 1SNA 115 378 R0500



R See section on markers marking method

### Fuse holder terminal blocks for 8,5 x 31,5 mm <sup>11/32</sup> x <sup>1 1/4</sup> in. fuses Screw clamp

 **DIN 1 - DIN 3**

|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### Accessories



**1** Fuse 8,5 x 31,5



**2** Comb-type jumper bar 70 A  
70 A  
70 A  
70 A

**3** Insulating tip

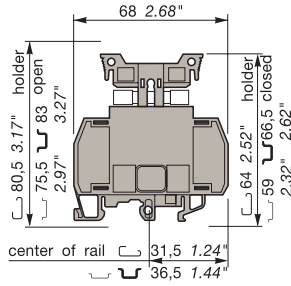
R



**R** See section on marking method

### M 10/16.SF1

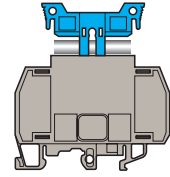
Spacing 16 mm (.630")



16 mm block without fusion indicator.

### M 10/16.SN1

Spacing 16 mm (.630")



16 mm block with disconnect link bar locked on blue holder.

|  |                   |  |  |                                                                                                        |                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| Colour                                                                            | Type                                                                                                 | Part numbers                                                                        | Colour                                                                              | Type                                                                                                   | Part numbers       |
| Grey                                                                              |  <b>M 10/16.SF1</b> | 1SNA 115 375 R2200                                                                  | Grey / Blue                                                                         |  <b>M 10/16.SN1</b> | 1SNA 115 376 R2300 |

#### Characteristics

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 20-8 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 20-8 AWG |

| Voltage           |  | 750 V Gr.C (1) | 600 V (1) |
|-------------------|--|----------------|-----------|
| Rated             |  |                |           |
| Impulse withstand |  |                |           |
| Pollution degree  |  |                |           |

| Current |  | 20 A | 20 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                     | 10 mm <sup>2</sup>        | 8 AWG      |
|-----------------------|---------------------|---------------------------|------------|
| Rated / Gauge         |                     |                           |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque            | Protection |
| 11 mm<br>.433"        | 5,5 mm<br>.217"     | 0,8-1 Nm<br>7.1-8.9 lb.in |            |

#### Characteristics

| Wire size   |          | NFC DIN                | UL | CSA      |
|-------------|----------|------------------------|----|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |    | 20-8 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |    | 20-8 AWG |

| Voltage           |  | 750 V Gr.C (1) | 600 V (1) |
|-------------------|--|----------------|-----------|
| Rated             |  |                |           |
| Impulse withstand |  |                |           |
| Pollution degree  |  |                |           |

| Current |  | 20 A | 20 A |
|---------|--|------|------|
| Rated   |  |      |      |

| Wire size             |                     | 10 mm <sup>2</sup>        | 8 AWG      |
|-----------------------|---------------------|---------------------------|------------|
| Rated / Gauge         |                     |                           |            |
| Wire stripping length | Recomm. screwdriver | Recomm. torque            | Protection |
| 11 mm<br>.433"        | 5,5 mm<br>.217"     | 0,8-1 Nm<br>7.1-8.9 lb.in |            |

| Type  | Part numbers                                                                                                                                                | Type | Part numbers                |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------|
| FU853 | 2 A 1SNA 163 847 R2400<br>4 A 1SNA 163 848 R0500<br>6 A 1SNA 163 849 R0600<br>10 A 1SNA 163 850 R0300<br>16 A 1SNA 163 851 R2000<br>20 A 1SNA 163 852 R2100 |      |                             |
| PC16  | 2 poles 1SNA 116 729 R2600                                                                                                                                  | PC16 | 2 poles 1SNA 116 729 R2600  |
| PC16  | 3 poles 1SNA 116 733 R1200                                                                                                                                  | PC16 | 3 poles 1SNA 116 733 R1200  |
| PC16  | 4 poles 1SNA 116 734 R1300                                                                                                                                  | PC16 | 4 poles 1SNA 116 734 R1300  |
| PC16  | 10 poles 1SNA 116 735 R1400                                                                                                                                 | PC16 | 10 poles 1SNA 116 735 R1400 |
| EIP   | 1SNA 113 550 R2400                                                                                                                                          | EIP  | 1SNA 113 550 R2400          |

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.

### Fuse-holder terminal blocks for 10,3 x 38 mm <sup>13/32</sup> x 1<sup>1/2</sup> in. fuses

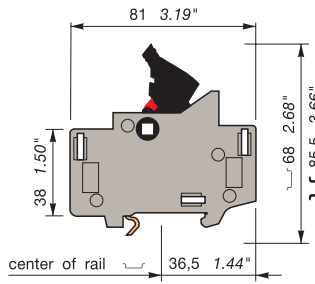
Screw clamp

DIN 3



### DL 10/17,5.SF

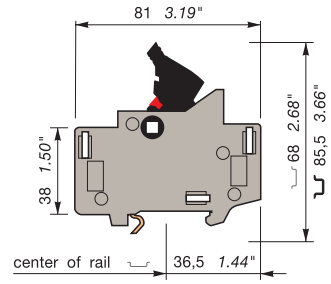
Spacing 17,5 mm (.689")



17,5 mm standard block.

### DL 10/17,5.SN

Spacing 17,5 mm (.689")



17,5 mm block with disconnect link bar locked on grip. Blue marking on grip.

| Colour                 | Type                 | Part numbers |       |
|------------------------|----------------------|--------------|-------|
| Grey/<br>black grip V0 | <b>DL 10/17,5.SF</b> | 1SNA 116 438 | R1300 |

| Colour                 | Type                 | Part numbers |       |
|------------------------|----------------------|--------------|-------|
| Grey/<br>black grip V0 | <b>DL 10/17,5.SN</b> | 1SNA 116 439 | R1400 |

| Wire size   |          | IEC                    | DIN | UL       | CSA      |
|-------------|----------|------------------------|-----|----------|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |     | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> |     | 18-6 AWG | 18-6 AWG |

| Wire size   |          | IEC                    | DIN | UL       | CSA      |
|-------------|----------|------------------------|-----|----------|----------|
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |     | 18-6 AWG | 18-6 AWG |
|             | Flexible | 0,5-10 mm <sup>2</sup> |     | 18-6 AWG | 18-6 AWG |

| Voltage               |                     | 690 V (2)              | 600 V (2)       | 600 V (2) |
|-----------------------|---------------------|------------------------|-----------------|-----------|
| Rated                 |                     |                        |                 |           |
| Impulse withstand     | 6 kV                |                        |                 |           |
| Pollution degree      | 3                   |                        |                 |           |
| Current               |                     | 32 A                   | 30 A            | 30 A      |
| Rated                 |                     |                        |                 |           |
| Wire size             |                     | 6 mm <sup>2</sup> / A5 | 6 AWG           | 6 AWG     |
| Rated / Gauge         |                     |                        |                 |           |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection      |           |
| 10 mm<br>.394"        | 5,5 mm<br>.217"     | 1,2 Nm<br>10.6 lb.in   | IP 20<br>NEMA 1 |           |

| Voltage               |                     | 690 V (2)              | 600 V (2)       | 600 V (2) |
|-----------------------|---------------------|------------------------|-----------------|-----------|
| Rated                 |                     |                        |                 |           |
| Impulse withstand     | 6 kV                |                        |                 |           |
| Pollution degree      | 3                   |                        |                 |           |
| Current               |                     | 32 A                   | 30 A            | 30 A      |
| Rated                 |                     |                        |                 |           |
| Wire size             |                     | 6 mm <sup>2</sup> / A5 | 6 AWG           | 6 AWG     |
| Rated / Gauge         |                     |                        |                 |           |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection      |           |
| 10 mm<br>.394"        | 5,5 mm<br>.217"     | 1,2 Nm<br>10.6 lb.in   | IP 20<br>NEMA 1 |           |

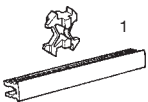
|          |  |               |         |    |              |       |
|----------|--|---------------|---------|----|--------------|-------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 | R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 | R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 | R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 | R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 | R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 | R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 | R0400 |

Other end stops, rails and accessories : see section on accessories.

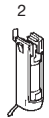
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



1 Assembly bar (1)



2 Fusion indicator

| Type   | Part numbers |              |       |
|--------|--------------|--------------|-------|
| TGDL2  | 2 poles      | 1SNA 179 746 | R1600 |
| TGDL3  | 3 poles      | 1SNA 179 747 | R1700 |
| TGDL4  | 4 poles      | 1SNA 179 748 | R2000 |
| LEN.DL | 80 - 400 V   | 1SNA 179 745 | R1500 |

| Type  | Part numbers |              |       |
|-------|--------------|--------------|-------|
| TGDL2 | 2 poles      | 1SNA 179 746 | R1600 |
| TGDL3 | 3 poles      | 1SNA 179 747 | R1700 |
| TGDL4 | 4 poles      | 1SNA 179 748 | R2000 |

R



R See section on markers marking method








RC 65 (horizontal)

Note : (1) Assembly bars are delivered with clamps to allow assembly of blocks together for multi-pole operation.  
(2) Insulation voltage of terminal block - operating voltage : according to fuse.

### Fuse-holder terminal blocks for 10,3 x 38 mm <sup>13/32</sup> x 1 1/2 in. fuses

#### Screw clamp

 **DIN 1 - DIN 3**

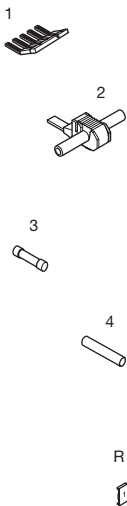
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### Accessories



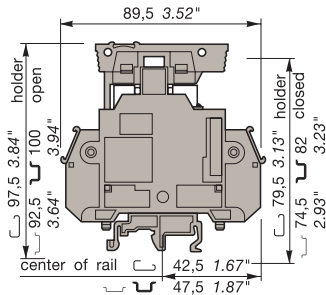
- 1 Comb-type jumper bar 70 A
- 2 IDC jumper
- 3 Fuse 10,3 x 38 - 500 V

- 4 Fusion indicator (2)

**R** See section on markers marking method

### MB 10/22.SF...

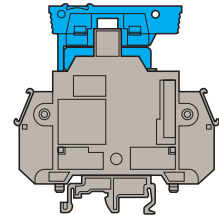
Spacing 22 mm (.866")



22 mm block with or without fusion indicator.

### MB 10/22.SN

Spacing 22 mm (.866")



22 mm block with disconnect link bar locked on blue holder.

|  |                    |  |                                                    |      |              |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| Colour                                                                            | Type                                                                                                  | Part numbers                                                                        | Colour                                                                                                                                | Type | Part numbers |
| Without fusion indicator :                                                        |                                                                                                       |                                                                                     | Grey / Blue  <b>MB 10/22.SN</b> 1SNA 116 304 R2500 |      |              |
| Grey                                                                              |  <b>MB 10/22.SF</b>  | 1SNA 116 302 R2300                                                                  |                                                                                                                                       |      |              |
| With fusion indicator to be ordered separately :                                  |                                                                                                       |                                                                                     |                                                                                                                                       |      |              |
| Grey                                                                              |  <b>MB 10/22.SFL</b> | 1SNA 116 303 R2400                                                                  |                                                                                                                                       |      |              |

#### Characteristics

| Wire size | Screw clamp | Wire size              |           |           |
|-----------|-------------|------------------------|-----------|-----------|
|           |             | IEC NFC DIN            | UL        | CSA       |
| Rigid     | Rigid       | 0,5-10 mm <sup>2</sup> | 18-6 AWG  | 18-6 AWG  |
|           | Flexible    | 0,5-6 mm <sup>2</sup>  | 18-10 AWG | 18-10 AWG |

| Voltage           |           |           |           |
|-------------------|-----------|-----------|-----------|
| Rated             | 800 V (1) | 600 V (1) | 600 V (1) |
| Impulse withstand |           |           |           |
| Pollution degree  |           |           |           |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 30 A | 32 A | 30 A |

| Wire size             |                     |                 |            |
|-----------------------|---------------------|-----------------|------------|
| Rated / Gauge         | 6 mm <sup>2</sup>   | 6 AWG           | 6 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque  | Protection |
| 12,5 mm .492"         | 6,5 mm .256"        | 2,3 Nm 20 lb.in | IP 10      |

#### Characteristics

| Wire size | Screw clamp | Wire size              |           |           |
|-----------|-------------|------------------------|-----------|-----------|
|           |             | IEC NFC DIN            | UL        | CSA       |
| Rigid     | Rigid       | 0,5-10 mm <sup>2</sup> | 18-6 AWG  | 18-8 AWG  |
|           | Flexible    | 0,5-6 mm <sup>2</sup>  | 18-10 AWG | 18-10 AWG |

| Voltage           |           |       |       |
|-------------------|-----------|-------|-------|
| Rated             | 800 V (1) | 600 V | 600 V |
| Impulse withstand |           |       |       |
| Pollution degree  |           |       |       |

| Current |      |      |      |
|---------|------|------|------|
| Rated   | 30 A | 32 A | 32 A |

| Wire size             |                     |                 |            |
|-----------------------|---------------------|-----------------|------------|
| Rated / Gauge         | 6 mm <sup>2</sup>   | 6 AWG           | 8 AWG      |
| Wire stripping length | Recomm. screwdriver | Recomm. torque  | Protection |
| 12,5 mm .492"         | 6,5 mm .256"        | 2,3 Nm 20 lb.in | IP 10      |

| Type                                | Part numbers                                     |
|-------------------------------------|--------------------------------------------------|
| PC22 3 poles                        | 1SNA 205 295 R0600                               |
| PC22 10 poles                       | 1SNA 174 151 R2500                               |
| AD2,5                               | 1SNA 114 205 R2000                               |
| FU103 STD Slow blow                 |                                                  |
| 0,6 A                               | 1SNA 167 086 R1100                               |
| 1 A                                 | 1SNA 167 087 R1200                               |
| 2 A                                 | 1SNA 167 076 R2600 1SNA 167 088 R2300            |
| 4 A                                 | 1SNA 167 077 R2700 1SNA 167 089 R2400            |
| 6 A                                 | 1SNA 167 078 R0000 1SNA 167 090 R2100            |
| 8 A                                 | 1SNA 167 079 R0100 1SNA 167 091 R1600            |
| 10 A                                | 1SNA 167 080 R2700 1SNA 167 092 R1700            |
| 12 A                                | 1SNA 167 081 R1400                               |
| 16 A                                | 1SNA 167 082 R1500 1SNA 167 094 R1100            |
| 20 A                                | 1SNA 167 083 R1600 1SNA 167 095 R1200            |
| 25 A                                | 1SNA 167 084 R1700                               |
| 32 A                                | 1SNA 167 085 R1000                               |
| LEN (2) Neon 110 - 230 V            | 1SNA 167 075 R2500                               |
| LEN (2) Neon 480 V AC               | 1SNA 103 909 R0000                               |
| Leakage current with neon indicator | < 0,5 mA (110 & 480 V AC)<br>< 0,7 mA (230 V AC) |

| Type          | Part numbers       |
|---------------|--------------------|
| PC22 3 poles  | 1SNA 205 295 R0600 |
| PC22 10 poles | 1SNA 174 151 R2500 |
| AD2,5         | 1SNA 114 205 R2000 |

RC610 on top of the block

RC610 on top of the block








Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.  
(2) Only for P/N : 1SNA 116 303 R2400

# Fuse holder terminal blocks with screwed plugs for 10,3 x 38 mm <sup>13/32</sup> x 1 1/2 in. and DO1 - DO2 fuses

## Screw clamp

 DIN 1 - DIN 3



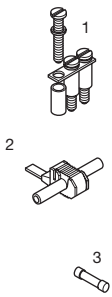
|          |                                                                                   |               |         |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

## Accessories



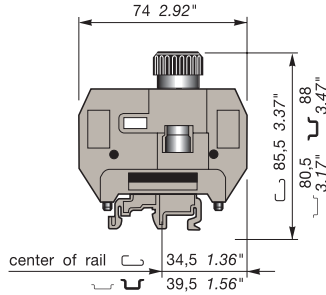
- 1 Standard jumper bar
- 2 IDC jumper
- 3 Fuse 10,3 x 38 500 V



R See section on markers marking method

### MB 10/24.SF...

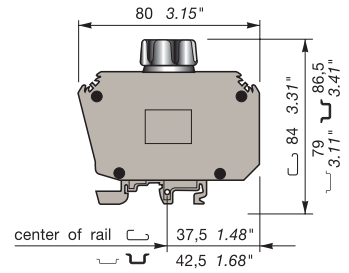
Spacing 24 mm (.950")









24 mm closed thermoset block for 10,3 x 38 and DO1 fuses.

### MB 25/30.SF

Spacing 30 mm (1.180")



30 mm closed block for DO2 fuses.

|  |  |  |  |                                                                                     |                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|
| Colour                                                                            | Type                                                                              | Part numbers                                                                       | Colour                                                                              | Type                                                                                | Part numbers                          |
| Grey / white plug for 10,3 x 38 <sup>13/32</sup> x 1 1/2 fuses                    |  | <b>MB 10/24.SF</b> 1SNA 116 299 R2000                                              | Grey / black plug for DO2 fuses                                                     |  | <b>MB 25/30.SF</b> 1SNA 116 305 R2600 |
| Grey / black plug for DO1 fuses                                                   |  | <b>MB 10/24.SF1</b> 1SNA 116 298 R2700                                             |                                                                                     |                                                                                     |                                       |

## Characteristics

| Wire size            |                        | NFC DIN           | UL                     | CSA      |
|----------------------|------------------------|-------------------|------------------------|----------|
|                      |                        | Screw clamp Rigid | 0,5-16 mm <sup>2</sup> | 18-8 AWG |
| Screw clamp Flexible | 0,5-10 mm <sup>2</sup> | 18-8 AWG          | 18-6 AWG               |          |

| Voltage               |                     | 750 Gr.C (1)               | 600 V      | 600 V |
|-----------------------|---------------------|----------------------------|------------|-------|
| Rated                 |                     |                            |            |       |
| Impulse withstand     |                     |                            |            |       |
| Pollution degree      |                     |                            |            |       |
| Current               |                     | 32 A                       | 35 A       | 30 A  |
| Rated                 |                     |                            |            |       |
| Wire size             |                     | 10 mm <sup>2</sup>         | 8 AWG      | 6 AWG |
| Rated / Gauge         |                     |                            |            |       |
| Wire stripping length | Recomm. screwdriver | Recomm. torque             | Protection |       |
| 13 mm .51"            | 6 mm .236"          | 1,2-1,4 Nm 10.6-12.3 lb.in | IP 10      |       |

## Characteristics

| Wire size            |                         | NFC DIN           | UL                      | CSA |
|----------------------|-------------------------|-------------------|-------------------------|-----|
|                      |                         | Screw clamp Rigid | 0,75-25 mm <sup>2</sup> |     |
| Screw clamp Flexible | 0,75-25 mm <sup>2</sup> |                   |                         |     |

| Voltage               |                     | 750 Gr.C (1)             |            |  |
|-----------------------|---------------------|--------------------------|------------|--|
| Rated                 |                     |                          |            |  |
| Impulse withstand     |                     |                          |            |  |
| Pollution degree      |                     |                          |            |  |
| Current               |                     | 63 A                     |            |  |
| Rated                 |                     |                          |            |  |
| Wire size             |                     | 25 mm <sup>2</sup>       |            |  |
| Rated / Gauge         |                     |                          |            |  |
| Wire stripping length | Recomm. screwdriver | Recomm. torque           | Protection |  |
| 10 mm .394"           | 8 mm .315"          | 2-2,5 Nm 17.4-21.7 lb.in | IP 10      |  |

| Type                | Part numbers       |                    | Type                | Part numbers       |  |
|---------------------|--------------------|--------------------|---------------------|--------------------|--|
| BJS24 30 A 10 poles | 1SNA 167 856 R2100 |                    | BJS24 30 A 10 poles | 1SNA 167 856 R2100 |  |
| AD2,5 24 A          | 1SNA 114 205 R2000 |                    | AD2,5 24 A          | 1SNA 114 205 R2000 |  |
| FU103 STD           |                    | Slow Blow          |                     |                    |  |
| 0,6 A               | 1SNA 167 086 R1100 |                    |                     |                    |  |
| 1 A                 | 1SNA 167 087 R1200 |                    |                     |                    |  |
| 2 A                 | 1SNA 167 076 R2600 | 1SNA 167 088 R2300 |                     |                    |  |
| 4 A                 | 1SNA 167 077 R2700 | 1SNA 167 089 R2400 |                     |                    |  |
| 6 A                 | 1SNA 167 078 R0000 | 1SNA 167 090 R2100 |                     |                    |  |
| 8 A                 | 1SNA 167 079 R0100 | 1SNA 167 091 R1600 |                     |                    |  |
| 10 A                | 1SNA 167 080 R2700 | 1SNA 167 092 R1700 |                     |                    |  |
| 12 A                | 1SNA 167 081 R1400 |                    |                     |                    |  |
| 16 A                | 1SNA 167 082 R1500 | 1SNA 167 094 R1100 |                     |                    |  |
| 20 A                | 1SNA 167 083 R1600 | 1SNA 167 095 R1200 |                     |                    |  |
| 25 A                | 1SNA 167 084 R1700 |                    |                     |                    |  |
| 32 A                | 1SNA 167 085 R1000 |                    |                     |                    |  |

RC610 Sides of block

RC810 Sides of block RC1010

Note : (1) Insulation voltage of terminal block - operating voltage : according to fuse.



## Safety connection terminal blocks

### Screw clamp

☐ ☐ DIN 1 - 3



☒ refer to the section "Special Applications" for part numbers and characteristics.

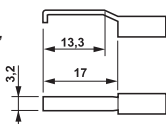
|          |               |                |    |                     |              |
|----------|---------------|----------------|----|---------------------|--------------|
| End stop | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA <b>399 903</b> | <b>R0200</b> |
| End stop | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA <b>206 351</b> | <b>R1600</b> |
| End stop | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA <b>296 351</b> | <b>R0000</b> |
| Rail     | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA <b>174 300</b> | <b>R1700</b> |
| Rail     | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA <b>168 500</b> | <b>R1200</b> |
| Rail     | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA <b>168 700</b> | <b>R2200</b> |
| Rail     | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA <b>163 050</b> | <b>R0400</b> |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.  
**BJDP4** permits the interconnection with a terminal block **M 6/8.RS** or **M 10/10.RS**

Each screw-clamp holds 2 bent lugs, as above (not supplied), for connection of wires :  
 0,28 à 1,5 mm<sup>2</sup> / 1 à 2,5 mm<sup>2</sup>



### Accessories

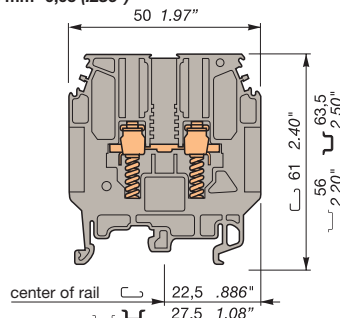
|  |                                               |            |
|--|-----------------------------------------------|------------|
|  | 1 End section                                 | grey beige |
|  | 2 Test socket                                 |            |
|  | 3 Test plug                                   |            |
|  | 4 Jumper bar not assembled                    |            |
|  | Screw + post + washer IP20                    |            |
|  | 6 Assembled jumper bar (with IP20 protection) |            |
|  | 7 Protection label                            |            |
|  | 8 Screw for protection label                  |            |
|  | 9 Universal jumper bar 50 A                   |            |
|  | 10 IDC jumper                                 |            |
|  | 11 Bridging plug                              |            |



**R** See section on markers marking method

## M 4/6.RS

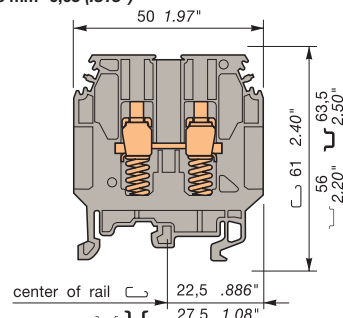
Spacing 6 mm -0,05 (.236")



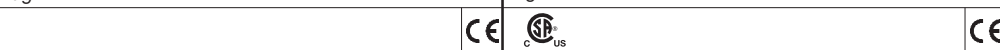
Screw clamp terminal for bare wire or equipped with bent lug.

## M 6/8.RS

Spacing 8 mm -0,05 (.315")



Screw clamp terminal for bare wire or equipped with bent lug.



| Colour                          | Type                | Part numbers                     |
|---------------------------------|---------------------|----------------------------------|
| 1 spring under each screw-clamp |                     |                                  |
| Grey                            | ☐ <b>M 4/6.RS</b>   | 1SNA <b>115 930</b> <b>R1300</b> |
| Blue                            | ☐ <b>M 4/6.N.RS</b> | 1SNA <b>125 930</b> <b>R1500</b> |

| Colour                          | Type                 | Part numbers                     |
|---------------------------------|----------------------|----------------------------------|
| 1 spring under each screw-clamp |                      |                                  |
| Grey                            | ☐ <b>M 6/8.RS</b>    | 1SNA <b>115 685</b> <b>R1200</b> |
| Beige                           | ☐ <b>M 6/8.RS V0</b> | 1SNA <b>195 685</b> <b>R1300</b> |

### Characteristics

| Wire size   |          | IEC                     | DIN | B.S.                      | CSA       |
|-------------|----------|-------------------------|-----|---------------------------|-----------|
|             |          | NFC                     |     | TS 50-18                  |           |
| Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>   |     |                           | 22-12 AWG |
|             | Flexible | 0,22-4 mm <sup>2</sup>  |     |                           | 22-12 AWG |
| Lugs        | Flexible | 0,5-1,5 mm <sup>2</sup> |     | 0,28-1,65 mm <sup>2</sup> |           |

### Voltage

|                   |        |       |       |
|-------------------|--------|-------|-------|
| Rated             | 1000 V | 500 V | 600 V |
| Impulse withstand | 8 kV   |       |       |
| Pollution degree  | 3      |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 32 A | 25 A | 25 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge      |                     | 4 mm <sup>2</sup> / A3 | 1,65 mm <sup>2</sup> | 12 AWG |
|--------------------|---------------------|------------------------|----------------------|--------|
| Wire strip. length | Recomm. Screwdriver | Recomm. torque         | Protection           |        |
| 13 mm              | 4 mm                | 0,5-0,8 Nm             | IP 20                |        |
| .51"               | .157"               | 4.4-7.1 lb.in.         | NEMA 1               |        |

### Characteristics

| Wire size   |          | IEC                    | DIN | B.S.                     | UL/CSA    |
|-------------|----------|------------------------|-----|--------------------------|-----------|
|             |          | NFC                    |     | TS 50-18                 |           |
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |     |                          | 20-12 AWG |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |     |                          | 20-12 AWG |
| Lugs        | Flexible |                        |     | 0,28-2,5 mm <sup>2</sup> |           |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 800 V | 500 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 41 A | 25 A | 25 A |
|-------|------|------|------|

### Wire size

| Rated / Gauge      |                     | 6 mm <sup>2</sup> / A5 | 2,5 mm <sup>2</sup> | 12 AWG |
|--------------------|---------------------|------------------------|---------------------|--------|
| Wire strip. length | Recomm. Screwdriver | Recomm. torque         | Protection          |        |
| 13 mm              | 4-5 mm              | 0,8-1 Nm               | IP 20               |        |
| .51"               | .157"-.197"         | 7.1-8.9 lb.in.         | NEMA 1              |        |

| Type      | Part numbers          |                                  | Type      | Part numbers  |                                  |
|-----------|-----------------------|----------------------------------|-----------|---------------|----------------------------------|
| FEMR8     | th. 2,8 mm            | 1SNA <b>116 987</b> <b>R0200</b> | FEMR8     | th. 2,8 mm    | 1SNA <b>116 987</b> <b>R0200</b> |
| FEMR8 V0  | V0 th. 2,8 mm         | 1SNA <b>196 987</b> <b>R0300</b> | FEMR8 V0  | V0 th. 2,8 mm | 1SNA <b>196 987</b> <b>R0300</b> |
| AL2       | DIA. 2,0 mm           | 1SNA <b>163 043</b> <b>R2100</b> | AL4       | DIA. 4,0 mm   | 1SNA <b>179 762</b> <b>R1600</b> |
| FC2       | DIA. 2,0 mm           | 1SNA <b>007 865</b> <b>R2600</b> | FC4       | DIA. 4,0 mm   | 1SNA <b>167 860</b> <b>R0100</b> |
| BJS6 (1)  | 32 A 2 poles          | 1SNA <b>164 573</b> <b>R2200</b> | BJS8 (1)  | 41 A 2 poles  | 1SNA <b>164 581</b> <b>R1300</b> |
| BJS6 (1)  | 32 A 3 poles          | 1SNA <b>164 574</b> <b>R2300</b> | BJS8 (1)  | 41 A 3 poles  | 1SNA <b>164 582</b> <b>R1400</b> |
| BJS6 (1)  | 32 A 4 poles          | 1SNA <b>164 575</b> <b>R2400</b> | BJS8 (1)  | 41 A 4 poles  | 1SNA <b>164 583</b> <b>R1500</b> |
| BJS6 (1)  | 32 A 5 poles          | 1SNA <b>164 736</b> <b>R2500</b> | BJS8 (1)  | 41 A 5 poles  | 1SNA <b>164 737</b> <b>R2600</b> |
| BJS6 (1)  | 32 A 10 poles         | 1SNA <b>164 576</b> <b>R2500</b> | BJS8 (1)  | 41 A 10 poles | 1SNA <b>164 584</b> <b>R1600</b> |
| BJS6 (1)  | 32 A 20 poles         | 1SNA <b>174 784</b> <b>R2000</b> | BJS8 (1)  | 41 A 15 poles | 1SNA <b>174 788</b> <b>R0400</b> |
| EV6l      |                       | 1SNA <b>206 394</b> <b>R0200</b> | BJS8 (1)  | 41 A 20 poles | 1SNA <b>174 789</b> <b>R0500</b> |
|           |                       |                                  | EV6l      |               | 1SNA <b>206 394</b> <b>R0200</b> |
| BJMI6 (1) | 32 A 2 poles          | 1SNA <b>176 663</b> <b>R0000</b> | BJMI8 (1) | 41 A 2 poles  | 1SNA <b>176 669</b> <b>R1600</b> |
| BJMI6 (1) | 32 A 3 poles          | 1SNA <b>176 664</b> <b>R0100</b> | BJMI8 (1) | 41 A 3 poles  | 1SNA <b>176 670</b> <b>R1300</b> |
| BJMI6 (1) | 32 A 4 poles          | 1SNA <b>176 665</b> <b>R0200</b> | BJMI8 (1) | 41 A 4 poles  | 1SNA <b>176 671</b> <b>R0000</b> |
| BJMI6 (1) | 32 A 5 poles          | 1SNA <b>176 666</b> <b>R0300</b> | BJMI8 (1) | 41 A 5 poles  | 1SNA <b>176 672</b> <b>R0100</b> |
| BJMI6 (1) | 32 A 10 poles         | 1SNA <b>176 667</b> <b>R0400</b> | BJMI8 (1) | 41 A 10 poles | 1SNA <b>176 673</b> <b>R0200</b> |
| EP6       | 4 blocks              | 1SNA <b>163 427</b> <b>R1700</b> | EP6       | 3 blocks      | 1SNA <b>163 427</b> <b>R1700</b> |
| VSP68     |                       | 1SNA <b>206 103</b> <b>R0700</b> | EP8       | 4 blocks      | 1SNA <b>163 428</b> <b>R2000</b> |
| BJDP4 (2) | sp. 6 <-> sp. 8 or 10 | 1SNA <b>174 781</b> <b>R2500</b> | VSP68     |               | 1SNA <b>206 103</b> <b>R0700</b> |
|           |                       |                                  | AD 2,5    | 24 A          | 1SNA <b>114 205</b> <b>R2000</b> |
|           |                       |                                  | BP8.A4    |               | 1SNA <b>173 888</b> <b>R2000</b> |

RC65 - RC610 Sides of blocks and RCT 610 top of blocks

RC810 Sides of blocks and RCT 810 top of blocks

Note : (1) Use of these accessories requires the user to cut out the partition.  
 (2) See "Notes".

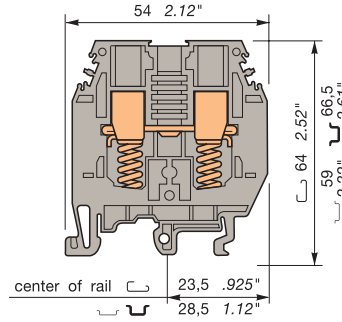
# Safety connection terminal blocks

## Screw clamp

DIN 1 - 3

### M 10/10.RS

Spacing 10 mm -0,05 (.394")



Screw clamp terminal for bare wire or equipped with bent lug.

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Colour                          | Type          | Part numbers       | Colour | Type | Part numbers |
|---------------------------------|---------------|--------------------|--------|------|--------------|
| 1 spring under each screw-clamp |               |                    |        |      |              |
| Grey                            | M 10/10.RS    | 1SNA 115 320 R2700 |        |      |              |
| Beige                           | M 10/10.RS V0 | 1SNA 195 320 R2000 |        |      |              |

refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Characteristics

| Wire size   | Wire size |                        |                        |          |
|-------------|-----------|------------------------|------------------------|----------|
|             | IEC       | DIN                    | B.S.                   | UL/CSA   |
| Screw clamp | Rigid     | 0,5-16 mm <sup>2</sup> | TS 50-18               | 20-6 AWG |
|             | Flexible  | 0,5-10 mm <sup>2</sup> |                        | 20-6 AWG |
| Lugs        | Flexible  |                        | 0,28-6 mm <sup>2</sup> |          |

| Voltage           |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 900 V | 500 V | 600 V |
| Impulse withstand | 8 kV  |       |       |
| Pollution degree  | 3     |       |       |

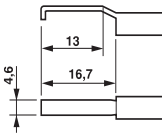
| Current |      |      |      |
|---------|------|------|------|
| Rated   | 41 A | 40 A | 65 A |

| Wire size          |                         |                   |            |
|--------------------|-------------------------|-------------------|------------|
| Rated / Gauge      | 10 mm <sup>2</sup> / A5 | 6 mm <sup>2</sup> | 6 AWG      |
| Wire strip. length | Recomm. Screwdriver     | Recomm. torque    | Protection |
| 14 mm              | 5,5-6 mm                | 1,2 - 1,4 Nm      | IP 20      |
| .55"               | .217"-.236"             | 10.6 - 12.3 lb.in | NEMA 1     |

### Notes

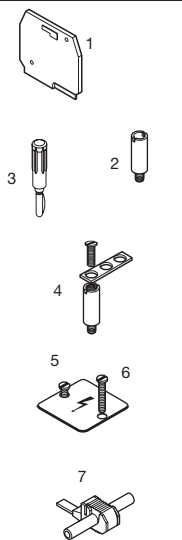
Each screw-clamp holds 2 bent lugs, as above (not supplied), for connection of wires :

0,28 to 1,5 mm<sup>2</sup>  
1 to 2,5 mm<sup>2</sup>  
2,5 to 6 mm<sup>2</sup> (2)



The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



|   |                            |               |
|---|----------------------------|---------------|
| 1 | End section                | grey<br>beige |
| 2 | Test socket                |               |
| 3 | Test plug                  |               |
| 4 | Jumper bar not assembled   |               |
| 5 | Protection label           |               |
| 6 | Screw for protection label |               |
| 7 | IDC jumper                 |               |

### Accessories

| Type      | Part numbers                     |
|-----------|----------------------------------|
| FEMR10    | th. 2,5 mm 1SNA 114 434 R0500    |
| FEMR10 V0 | th. 2,5 mm 1SNA 194 434 R0600    |
| AL4       | DIA. 4,0 mm 1SNA 168 237 R0500   |
| FC4       | DIA. 4,0 mm 1SNA 167 860 R0100   |
| BJS10 (1) | 57 A 2 poles 1SNA 164 585 R1700  |
| BJS10 (1) | 57 A 3 poles 1SNA 164 586 R1000  |
| BJS10 (1) | 57 A 4 poles 1SNA 164 587 R1100  |
| BJS10 (1) | 57 A 5 poles 1SNA 168 273 R1100  |
| BJS10 (1) | 57 A 10 poles 1SNA 164 588 R2200 |
| BJS10 (1) | 57 A 20 poles 1SNA 177 654 R0000 |
| PL101     | 1SNA 163 181 R1100               |
| VSJ11     | 1SNA 163 394 R2600               |
| EP8       | 3 blocks 1SNA 163 428 R2000      |
| EP10      | 4 blocks 1SNA 163 429 R2100      |
| VSP68     | 1SNA 206 103 R0700               |
| AD 2,5    | 24 A 1SNA 114 205 R2000          |



R See section on markers marking method

RC65 - RC610 RTM9 RC810 RC1010

Note : (1) Use of these accessories requires the user to cut out the partition.  
(2) Only for M 10/10.RS

# Heavy duty switch terminal blocks with safety connection

## Screw clamp

DIN 1 - DIN 3



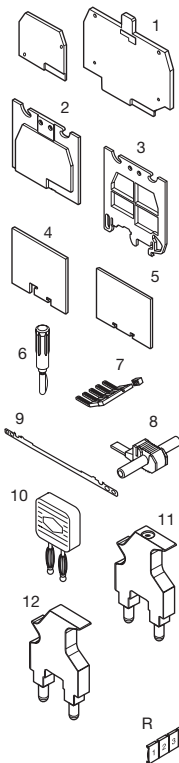
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| End stop |  | th. 9,1 mm    | BAMH    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | BAMH V0 | V0 | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

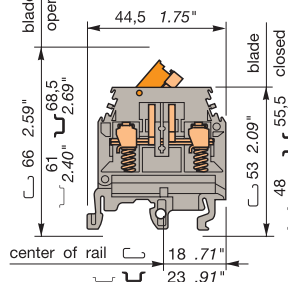
### Accessories



|    |                                                       |      |        |               |                               |
|----|-------------------------------------------------------|------|--------|---------------|-------------------------------|
| 1  | End section                                           | grey | FEM6   | th. 2,8 mm    | 1SNA 118 368 R1600            |
| 2  | Separator end section (block)                         | grey | SCF6   | th. 3 mm      | 1SNA 118 707 R0300            |
| 3  | Separator end section (rail)                          | grey | SCFM6  | th. 3 mm      | 1SNA 114 825 R0500            |
| 4  | Separator end section                                 | grey | SCFEX1 |               | th. 2,4 mm 1SNA 103 619 R0400 |
| 5  | Separator end section                                 | grey | SCFEX3 |               | th. 2,4 mm 1SNA 103 620 R0100 |
| 6  | Test plug                                             |      | FC2    | DIA. 2 mm     | 1SNA 007 865 R2600            |
| 7  | Comb-type jumper bar                                  |      | PC61   | 35 A 10 poles | 1SNA 163 311 R2200            |
| 8  | IDC jumper                                            |      | AD2,5  | 24 A          | 1SNA 114 205 R2000            |
| 9  | Shield connector                                      |      | CBM5   | th. 0,5 mm    | 1SNA 178 745 R1400            |
|    |                                                       |      | CBM8   | th. 0,8 mm    | 1SNA 178 746 R1500            |
| 10 | Bridging plug                                         |      |        |               |                               |
| 11 | Short-circuiting plug with test socket DIA. 4 mm/.16" |      |        |               |                               |
| 12 | Short-circuiting plug without test                    |      |        |               |                               |
| R  | See section on markers marking method                 |      |        |               |                               |

## M 4/6.SNTS

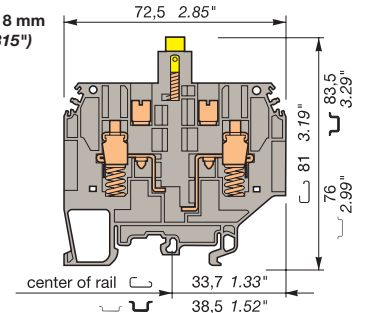
Spacing 6 mm + 0,05 (.238")



M 4/6.SN equipped with 2 test socket screws DIA. 2 mm/.079" with pressure springs under wire clamp for bare wire or wire equipped with flat lug.

## M 6/8.STP.RS

Spacing 8 mm - 0,05 (.315")



Switch connection by a yellow push-turn knob (1/4 turn). Block equipped with 2 test sockets DIA. 4 mm/.16", pressure springs under wire clamps for bare wire or wire equipped with bent lug.

| Colour         | Type       | Part numbers       |  |  |
|----------------|------------|--------------------|--|--|
| Grey / Orange  | M 4/6.SNTS | 1SNA 115 229 R2000 |  |  |
| Beige / Orange | M 4/6.SNTS | 1SNA 195 229 R2100 |  |  |

| Colour | Type         | Part numbers       |  |  |
|--------|--------------|--------------------|--|--|
| Grey   | M 6/8.STP.RS | 1SNA 115 678 R0200 |  |  |

### Characteristics

| Wire size   |          | IEC                   | UL        | CSA       |
|-------------|----------|-----------------------|-----------|-----------|
|             |          | NFC DIN               |           |           |
| Screw clamp | Rigid    | 0,5-4 mm <sup>2</sup> | 22-10 AWG | 20-12 AWG |
|             | Flexible | 0,5-4 mm <sup>2</sup> | 22-10 AWG | 20-12 AWG |
| Lug         |          |                       |           |           |
|             | Flexible |                       |           |           |

### Characteristics

| Wire size   |          | IEC                    | B.S.                     | UL/CSA    |
|-------------|----------|------------------------|--------------------------|-----------|
|             |          | NFC DIN                | TS 50-18                 | NRTL/C    |
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |                          | 20-12AWG  |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |                          | 20-12 AWG |
| Lug         |          |                        |                          |           |
|             | Flexible |                        | 0,28-2,5 mm <sup>2</sup> |           |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 500 V | 300 V | 300 V |
| Impulse withstand |       |       |       |
| Pollution degree  |       |       |       |

### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 500 V | 500 V | 600 V |
| Impulse withstand | 6 kV  |       |       |
| Pollution degree  | 3     |       |       |

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 10 A | 10 A | 10 A |
|-------|------|------|------|

### Current

|       |      |      |      |
|-------|------|------|------|
| Rated | 24 A | 25 A | 25 A |
|-------|------|------|------|

### Wire size

|                       |                     |                |                          |
|-----------------------|---------------------|----------------|--------------------------|
| Rated / Gauge         | 4 mm <sup>2</sup>   | 10 AWG         | 12 AWG                   |
| Wire stripping length | Recomm. screwdriver | Recomm. torque | Protection               |
|                       | 9,5 mm .374"        | 4 mm .157"     | 0,5-0,6 Nm 4.4-5.3 lb.in |
|                       |                     |                | IP 20 NEMA 1             |

### Wire size

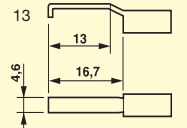
|                       |                        |                     |                        |
|-----------------------|------------------------|---------------------|------------------------|
| Rated / Gauge         | 6 mm <sup>2</sup> / A5 | 2,5 mm <sup>2</sup> | 8 AWG                  |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque      | Protection             |
|                       | 13 mm .512"            | 4-5 mm .157"-.197"  | 0,8-1 Nm 7.1-8.9 lb.in |
|                       |                        |                     | IP 20                  |

| Type         | Part numbers   |  |  |
|--------------|----------------|--|--|
| RC65 - RC610 | Sides of block |  |  |

| Type      | Part numbers   |                    |  |
|-----------|----------------|--------------------|--|
| FEMR8T    | th. 2,8 mm     | 1SNA 116 991 R0600 |  |
| FEMR8T V0 | th. 2,8 mm     | 1SNA 196 991 R0700 |  |
| FC4       | DIA. 4 mm      | 1SNA 167 860 R0100 |  |
| AD2,5     | 24 A           | 1SNA 114 205 R2000 |  |
| BP8.A4    |                | 1SNA 173 888 R2000 |  |
| BNSTP1    | light ivory    | 1SNA 196 792 R1700 |  |
| BNSTP1    | grey           | 1SNA 196 793 R1000 |  |
| BNSTP2    | red            | 1SNA 196 789 R2400 |  |
| BNSTP2    | grey           | 1SNA 196 790 R2100 |  |
| RC810     | Sides of block |                    |  |

Each wire clamp holds 2 bent lugs max. (not supplied) as hereunder for connection of wires :

0,28 to 1,5 mm<sup>2</sup>  
1 to 2,5 mm<sup>2</sup>  
2,5 to 6 mm<sup>2</sup>



# Terminal blocks for test circuits with safety connections Screw clamp DIN 3



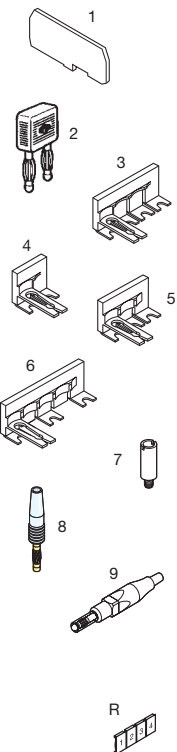
|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

## Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us. The terminal blocks of the **D 6/8.ST** series are called test blocks as their main function in current transformer circuits is to be able to test, measure, compare, change a protection or metering equipment without disturbing the circuits. The spring loaded clamp prevents extraction of cable in case of loosening of the screw.

## Accessories

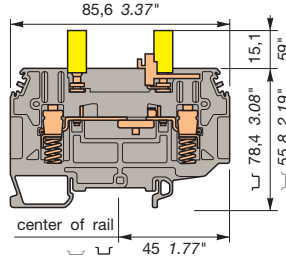


|   |                                       |         |  |  |  |
|---|---------------------------------------|---------|--|--|--|
| 1 | End section                           |         |  |  |  |
| 2 | Bridging plug                         |         |  |  |  |
| 3 | Sliding switch bridge                 | 4 poles |  |  |  |
| 4 | Sliding switch bridge                 | 2 poles |  |  |  |
| 5 | Sliding switch bridge                 | 3 poles |  |  |  |
| 6 | Sliding switch bridge                 | 3 poles |  |  |  |
| 7 | Test socket                           |         |  |  |  |
| 8 | Test plug                             |         |  |  |  |
| 9 | Test plug with IP20 mobile protection | red     |  |  |  |

R See section on markers marking method

## D 6/8.ST1.RS

Spacing 8 mm - 0,05 (.315")



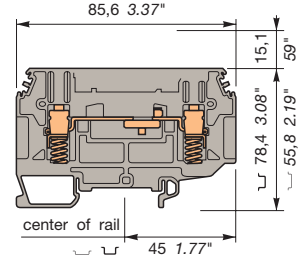
Switch connection by yellow sliding link operated by screw driver, equipped with 2 test socket screws DIA. 4 mm/ .16". Block equipped with pressure spring under the clamp for bare cable or equipped with bended ferrules.



| Colour | Type                | Part numbers       |
|--------|---------------------|--------------------|
| Grey   | <b>D 6/8.ST1.RS</b> | 1SNA 115 831 R0400 |

## D 6/8.ST.RS

Spacing 8 mm - 0,05 (.315")



Switch connection by yellow sliding link operated by screw driver. Block equipped with a pressure spring under the clamp for bare cable or equipped with bended ferrules.



| Colour | Type               | Part numbers       |
|--------|--------------------|--------------------|
| Grey   | <b>D 6/8.ST.RS</b> | 1SNA 115 914 R0700 |

## Characteristics

| Wire size   |          | IEC                    |     | B.S.                     | CSA |
|-------------|----------|------------------------|-----|--------------------------|-----|
|             |          | NFC                    | DIN | TS 50-18                 |     |
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |     |                          |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |     |                          |     |
| Lugs        | Flexible |                        |     | 0,28-2,5 mm <sup>2</sup> |     |

| Voltage           |  |       |  |  |
|-------------------|--|-------|--|--|
| Rated             |  | 400 V |  |  |
| Impulse withstand |  | 6 kV  |  |  |
| Pollution degree  |  | 3     |  |  |

| Current |  |      |  |  |
|---------|--|------|--|--|
| Rated   |  | 24 A |  |  |

| Wire size     |                       | 6 mm <sup>2</sup> / A5 |                | 2,5 mm <sup>2</sup> |  |
|---------------|-----------------------|------------------------|----------------|---------------------|--|
| Rated / Gauge | Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection          |  |
|               | 16 mm                 | 5 mm                   | 0,8-1 Nm       | IP 20               |  |
|               | .51"                  | .20"                   | 7.1-8.9 lb.in  | NEMA 1              |  |

## Characteristics

| Wire size   |          | IEC                    |     | B.S.                     | CSA |
|-------------|----------|------------------------|-----|--------------------------|-----|
|             |          | NFC                    | DIN | TS 50-18                 |     |
| Screw clamp | Rigid    | 0,5-10 mm <sup>2</sup> |     |                          |     |
|             | Flexible | 0,5-6 mm <sup>2</sup>  |     |                          |     |
| Lugs        | Flexible |                        |     | 0,28-2,5 mm <sup>2</sup> |     |

| Voltage           |  |       |  |  |
|-------------------|--|-------|--|--|
| Rated             |  | 400 V |  |  |
| Impulse withstand |  | 6 kV  |  |  |
| Pollution degree  |  | 3     |  |  |

| Current |  |      |  |  |
|---------|--|------|--|--|
| Rated   |  | 24 A |  |  |

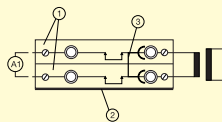
| Wire size     |                       | 6 mm <sup>2</sup> / A5 |                | 2,5 mm <sup>2</sup> |  |
|---------------|-----------------------|------------------------|----------------|---------------------|--|
| Rated / Gauge | Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection          |  |
|               | 16 mm                 | 5 mm                   | 0,8-1 Nm       | IP 20               |  |
|               | .51"                  | .20"                   | 7.1-8.9 lb.in  | NEMA 1              |  |

| Type   | Part numbers |                    |
|--------|--------------|--------------------|
| FEM8T6 | th. 1 mm     | 1SNA 215 266 R0100 |
| BP8.A4 |              | 1SNA 173 888 R2000 |
| PCS4   | V0 IP 20     | 1SNA 199 870 R0400 |
| PCS2   | V0 IP 20     | 1SNA 199 871 R2100 |
| PCS3   | V0 IP 20     | 1SNA 199 872 R2200 |
| PCS3/5 | V0 IP 20     | 1SNA 199 873 R2300 |
| FC4    | DIA. 4,0 mm  | 1SNA 167 860 R0100 |
| FC4-1  | DIA. 4,0 mm  | 1SNA 167 927 R1000 |

| Type   | Part numbers         |                    |
|--------|----------------------|--------------------|
| BP8.A4 |                      | 1SNA 173 888 R2000 |
| PCS4   | V0 IP 20             | 1SNA 199 870 R0400 |
| PCS2   | V0 IP 20             | 1SNA 199 871 R2100 |
| AL4    | NOT IP20 DIA. 4,0 mm | 1SNA 163 240 R1700 |
| FC4    | DIA. 4,0 mm          | 1SNA 167 860 R0100 |
| FC4-1  | DIA. 4,0 mm          | 1SNA 167 927 R1000 |

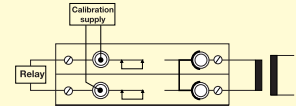
## Applications : TEST DIAGRAMS OF CURRENT TRANSFORMER (T.I.)

- Normal operation

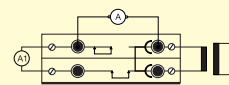


- ① Terminal block
- ② End section
- ③ Sliding switch bridge

- Protection circuit test (no superposition of current circuits)



- Control of measuring value : (ammeter calibration)









RC65 - RC610 RC810

RC65 - RC610 RC810

**Component holder terminal block**  
**With neon lamp indicator**  
**Double deck**  
**Screw clamp**

 **DIN 1 - 3**



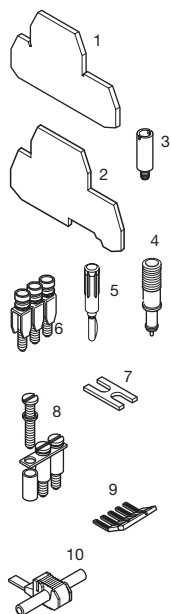
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH VO</b> | VO | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**Accessories**

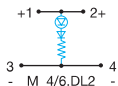
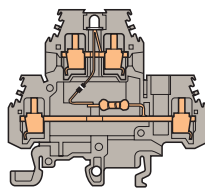


|                                    |      |  |  |  |
|------------------------------------|------|--|--|--|
| <b>1</b> End section               | grey |  |  |  |
| <b>2</b> Separator end section     | grey |  |  |  |
| <b>3</b> Test socket               |      |  |  |  |
| <b>4</b> Test device               | grey |  |  |  |
| <b>5</b> Test plug                 |      |  |  |  |
| <b>6</b> Assembled jumper bar      | 32 A |  |  |  |
| Jumper bar (with IP 20 protection) | 32 A |  |  |  |
| <b>7</b> Connector plate           | 35 A |  |  |  |
| <b>8</b> Jumper bar not assembled  | 32 A |  |  |  |
| Screw + post + washer              |      |  |  |  |
| <b>9</b> Comb-type jumper bar      | 35 A |  |  |  |
| <b>10</b> IDC jumper               |      |  |  |  |

**R** See section on markers marking method

**M 4/6.DL...**

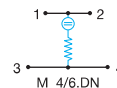
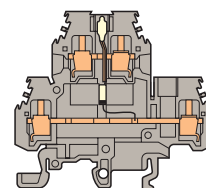
Spacing 6 mm + 0,05 (.238")



1 connection with 4 inputs on 2 decks. Equipped with a protected LED.

**M 4/6.DN...**

Spacing 6 mm +0,05 (.238")



1 connection with 4 inputs on 2 decks. Equipped with a neon lamp.

|                    |                  |                    |
|--------------------|------------------|--------------------|
| <b>Colour</b>      | <b>Type</b>      | <b>P/N</b>         |
| Grey 12 V = 24 V ~ | <b>M 4/6.DL2</b> | 1SNA 115 180 R1400 |
| Grey 24 V = 48 V ~ | <b>M 4/6.DL3</b> | 1SNA 115 181 R0100 |
| Grey 24 V = 48 V ~ | <b>M 4/6.DL4</b> | 1SNA 115 392 R1400 |

|                 |                  |                    |
|-----------------|------------------|--------------------|
| <b>Colour</b>   | <b>Type</b>      | <b>P/N</b>         |
| 110 V ~ 127 V = |                  |                    |
| Grey            | <b>M 4/6.DN</b>  | 1SNA 115 182 R0200 |
| 230 V ~         |                  |                    |
| Grey            | <b>M 4/6.DN1</b> | 1SNA 115 183 R0300 |

| Characteristics |          |                        |           |           |     |
|-----------------|----------|------------------------|-----------|-----------|-----|
| Wire size       |          | NFC                    | DIN       | UL        | CSA |
|                 |          |                        |           |           |     |
| Screw clamp     | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 22-12 AWG |     |
|                 | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 22-12 AWG |     |

| Characteristics |          |                        |           |           |     |
|-----------------|----------|------------------------|-----------|-----------|-----|
| Wire size       |          | NFC                    | DIN       | UL        | CSA |
|                 |          |                        |           |           |     |
| Screw clamp     | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 18-12 AWG |     |
|                 | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 18-12 AWG |     |

| Voltage               |                     |                        |            |        |
|-----------------------|---------------------|------------------------|------------|--------|
| Rated                 |                     | 500 V Gr.C             | 600 V      | 300 V  |
| Impulse withstand     |                     |                        |            |        |
| Pollution degree      |                     |                        |            |        |
| Current               |                     |                        |            |        |
| Rated                 |                     | 20 A                   | 20 A       | 20 A   |
| Wire size             |                     |                        |            |        |
| Rated / Gauge         |                     | 4 mm <sup>2</sup> / A4 | 12 AWG     | 12 AWG |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |        |
|                       |                     |                        |            |        |
| 8,5 mm                | 4 mm                | 0,5-0,6 Nm             | IP20       |        |
| .33"                  | .16"                | 4.4-5.3 lb.in          | NEMA 1     |        |

| Voltage               |                     |                        |            |        |
|-----------------------|---------------------|------------------------|------------|--------|
| Rated                 |                     | 500 V Gr.C             | 600 V      | 150 V  |
| Impulse withstand     |                     |                        |            |        |
| Pollution degree      |                     |                        |            |        |
| Current               |                     |                        |            |        |
| Rated                 |                     | 20 A                   | 20 A       | 25 A   |
| Wire size             |                     |                        |            |        |
| Rated / Gauge         |                     | 4 mm <sup>2</sup> / A4 | 12 AWG     | 12 AWG |
| Wire stripping length | Recomm. screwdriver | Recomm. torque         | Protection |        |
|                       |                     |                        |            |        |
| 8,5 mm                | 4 mm                | 0,5-0,6 Nm             | IP20       |        |
| .33"                  | .157"               | 4.4-5.3 lb.in          | NEMA 1     |        |

| Type          | P/N         |                    |  |
|---------------|-------------|--------------------|--|
| FEM6D         | th. 1,0 mm  | 1SNA 118 499 R2300 |  |
| SCF6D         | th. 1,0 mm  | 1SNA 118 495 R1700 |  |
| AL2           | DIA. 2,0 mm | 1SNA 163 070 R0000 |  |
| AL3           | DIA. 3,0 mm | 1SNA 163 261 R0000 |  |
| DCG           |             | 1SNA 163 218 R0500 |  |
| FC2 (2)       | DIA. 2,0 mm | 1SNA 007 865 R2600 |  |
|               |             |                    |  |
| BJMI6D (1)(3) | 2 poles     | 1SNA 179 668 R2000 |  |
| BJMI6D (1)(3) | 3 poles     | 1SNA 179 669 R2100 |  |
| BJMI6D (1)(3) | 4 poles     | 1SNA 179 670 R2600 |  |
| BJMI6D (1)(3) | 5 poles     | 1SNA 179 671 R1300 |  |
| BJMI6D (1)(3) | 10 poles    | 1SNA 179 672 R1400 |  |
| EL6 (1)(3)    |             | 1SNA 173 627 R2100 |  |
| BJS61 (1)(3)  | 10 poles    | 1SNA 168 485 R2700 |  |
| EV6D          |             | 1SNA 168 400 R1600 |  |
| PC61          | th. 0,5 mm  | 1SNA 163 311 R2200 |  |
| AD2,5         |             | 1SNA 114 205 R2000 |  |

| Type          | P/N         |                    |  |
|---------------|-------------|--------------------|--|
| FEM6D         | th. 1,0 mm  | 1SNA 118 499 R2300 |  |
| SCF6D         | th. 1,0 mm  | 1SNA 118 495 R1700 |  |
| AL2           | DIA. 2,0 mm | 1SNA 163 070 R0000 |  |
| AL3           | DIA. 3,0 mm | 1SNA 163 261 R0000 |  |
| DCG           |             | 1SNA 163 218 R0500 |  |
| FC2 (2)       | DIA. 2,0 mm | 1SNA 007 865 R2600 |  |
|               |             |                    |  |
| BJMI6D (1)(3) | 2 poles     | 1SNA 179 668 R2000 |  |
| BJMI6D (1)(3) | 3 poles     | 1SNA 179 669 R2100 |  |
| BJMI6D (1)(3) | 4 poles     | 1SNA 179 670 R2600 |  |
| BJMI6D (1)(3) | 5 poles     | 1SNA 179 671 R1300 |  |
| BJMI6D (1)(3) | 10 poles    | 1SNA 179 672 R1400 |  |
| EL6 (1)(3)    |             | 1SNA 173 627 R2100 |  |
| BJS61 (1)(3)  | 10 poles    | 1SNA 168 485 R2700 |  |
| EV6D          |             | 1SNA 168 400 R1600 |  |
| PC61          | th. 0,5 mm  | 1SNA 163 311 R2200 |  |
| AD2,5         |             | 1SNA 114 205 R2000 |  |

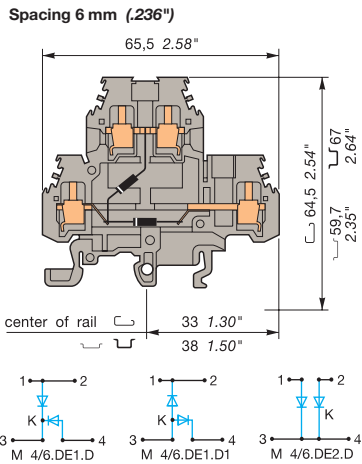
RC65 - RC610 Sides of block RCT610 Top of block

Note : (1) Use of these accessories requires the user to cut out the partition.  
 (2) For block equipped with AL2 or DCG.  
 (3) These accessories can be mounted on the lower deck only.

**Electronic component holder terminal blocks**  
**With diode**  
**Double deck**  
**Compression clamp**  
 DIN 1 - 3

DIN 1 - 3

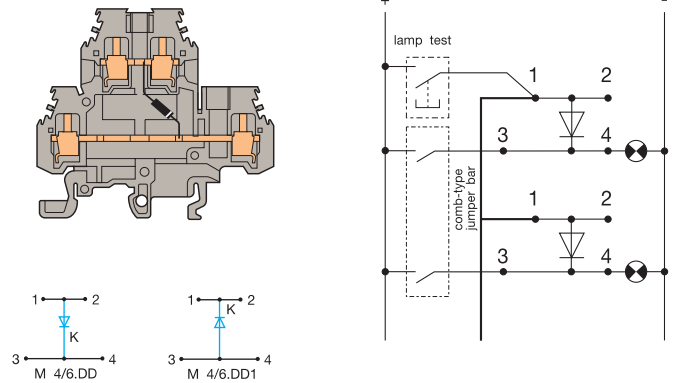
**M 4/6.DE...D...**



Block equipped with two 1N 4007 diodes negative common (1000 V peak - 250 V service - 1 A).

**M 4/6.DD...**

Spacing 6 mm (.236") Typical lamp test application



Block equipped with one 1N 4007 diode with two connections per anode and cathode (1000 V peak - 250 V service - 1 A)

|         |  |               |                    |
|---------|--|---------------|--------------------|
| BAMH    |  | th. 9,1 mm V2 | 1SNA 114 836 R0000 |
| BAMH V0 |  | th. 9,1 mm V0 | 1SNA 194 836 R0100 |
| PR3.Z2  |  | 35 x 7,5 x 1  | 1SNA 174 300 R1700 |
| PR4     |  | 35 x 15 x 2,3 | 1SNA 168 500 R1200 |
| PR5     |  | 35 x 15 x 1,5 | 1SNA 168 700 R2200 |
| PR1.Z2  |  | 32 x 15 x 1,5 | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : See section on accessories.

| Type                                                  | P/N                | Type                                                                                                | P/N                |
|-------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|--------------------|
| Grey body<br>1 negative output<br><b>M 4/6.DE1.D</b>  | 1SNA 115 371 R2600 | Grey body<br>• Cathode (K) of the blocking diode connected to the lower circuit<br><b>M 4/6.DD</b>  | 1SNA 115 168 R2300 |
| Grey body<br>1 negative output<br><b>M 4/6.DE1.D1</b> | 1SNA 115 591 R0400 | Grey body<br>• Cathode (K) of the blocking diode connected to the upper circuit<br><b>M 4/6.DD1</b> | 1SNA 115 184 R0400 |
| Grey body<br>2 negative outputs<br><b>M 4/6.DE2.D</b> | 1SNA 115 327 R1200 |                                                                                                     |                    |

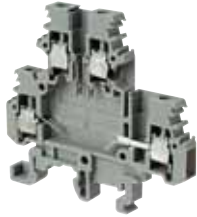
| Characteristics       |                   | NFC                                  | DIN                                  | UL                                            | CSA                          | NFC                                     | DIN                                  | UL                                                | CSA                           |
|-----------------------|-------------------|--------------------------------------|--------------------------------------|-----------------------------------------------|------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------|-------------------------------|
| Wire size             | Compression clamp |                                      |                                      |                                               |                              |                                         |                                      |                                                   |                               |
|                       | Rigid             | 0,5-4 mm <sup>2</sup>                |                                      |                                               |                              | 0,2-4 mm <sup>2</sup>                   |                                      |                                                   |                               |
|                       | Flexible          | 0,5-4 mm <sup>2</sup>                |                                      |                                               |                              | 0,22-4 mm <sup>2</sup>                  | 22-12 AWG                            |                                                   | 18-12 AWG                     |
| Rated voltage         |                   | 500 V Gr.C                           |                                      |                                               |                              | 500 V Gr.C                              |                                      | 600 V                                             | 150 V                         |
| Rated current         |                   | 20 A                                 |                                      |                                               |                              | 20 A                                    |                                      | 25 A                                              | 25 A                          |
| Rated wire size       |                   | 4 mm <sup>2</sup>                    |                                      |                                               |                              | 4 mm <sup>2</sup>                       |                                      | 12 AWG                                            | 12 AWG                        |
| Other characteristics |                   | Wire strip. length<br>8,5 mm<br>.33" | Recomm. screwdriver<br>4 mm<br>.157" | Recomm. torque<br>0,5-0,6 Nm<br>4,4-5,3 lb.in | Protection<br>IP20<br>NEMA 1 | Wire stripping length<br>8,5 mm<br>.33" | Recomm. screwdriver<br>4 mm<br>.157" | Recomm. torque<br>0,5 - 0,6 Nm<br>4,4 - 5,3 lb.in | Protection<br>IP 20<br>NEMA 1 |

| Accessories |                                              | Type | P/N                                     | Type                    | P/N                |
|-------------|----------------------------------------------|------|-----------------------------------------|-------------------------|--------------------|
| 1           | End section                                  | grey | FEM6D th. 1 mm 1SNA 118 499 R2300       | FEM6D th. 1 mm          | 1SNA 118 499 R2300 |
| 2           | Separator end section                        | grey | SCF6D th. 1 mm 1SNA 118 495 R1700       | SCF6D th. 1 mm          | 1SNA 118 495 R1700 |
| 3           | Test socket                                  |      | AL2 (1) DIA 2 mm 1SNA 163 070 R0000     | AL2 (1) DIA. 2 mm       | 1SNA 163 070 R0000 |
|             |                                              |      | AL3 (1) DIA.3 mm 1SNA 163 261 R0000     | AL3 (1) DIA. 3 mm       | 1SNA 163 261 R0000 |
| 4           | Test device                                  | grey | DCG 1SNA 163 218 R0500                  | DCG                     | 1SNA 163 218 R0500 |
| 5           | Test plug                                    |      | FC2 (3) DIA.2 mm 1SNA 007 865 R2600     | FC2 (3) DIA. 2 mm       | 1SNA 007 865 R2600 |
| 32 A        | Assembled jumper bar (with IP 20 protection) | 32 A | BJMI6D(1)(2) 2 poles 1SNA 179 668 R2000 | BJMI6D (1) (2) 2 poles  | 1SNA 179 668 R2000 |
|             |                                              | 32 A | BJMI6D(1)(2) 3 poles 1SNA 179 669 R2100 | BJMI6D (1) (2) 3 poles  | 1SNA 179 669 R2100 |
|             |                                              | 32 A | BJMI6D(1)(2) 4 poles 1SNA 179 670 R2600 | BJMI6D (1) (2) 4 poles  | 1SNA 179 670 R2600 |
|             |                                              | 32 A | BJMI6D(1)(2) 5 poles 1SNA 179 671 R1300 | BJMI6D (1) (2) 5 poles  | 1SNA 179 671 R1300 |
|             |                                              | 32 A | BJMI6D(1)(2)10 poles 1SNA 179 672 R1400 | BJMI6D (1) (2) 10 poles | 1SNA 179 672 R1400 |
| 8           | Connector plate                              | 35 A | BJS61 (1)(2)10 poles 1SNA 168 485 R2700 | BJS61 (1) (2) 10 poles  | 1SNA 168 485 R2700 |
| 9           | Jumper bar not assembled                     | 32 A | EV6D 1SNA 168 400 R1600                 | EV6D                    | 1SNA 168 400 R1600 |
|             | Post + screw + washer                        |      | BJP61 (1) 1SNA 167 225 R2000            | BJP61 (1)               | 1SNA 167 225 R2000 |
| 10          | Pivoting jumper bar                          | 35 A | PC61 10 poles 1SNA 163 311 R2200        | PC61 10 poles           | 1SNA 163 311 R2200 |
| 11          | Comb-type jumper bar                         | 35 A | AD2,5 1SNA 114 205 R2000                | AD2,5                   | 1SNA 114 205 R2000 |
| 12          | IDC jumper                                   |      |                                         |                         |                    |
| R           | See section on markers marking method        |      | RC65 - RC610 RCT610                     | RC65 - RC610 RCT610     |                    |

Note : (1) These accessories can be mounted on the lower deck only.  
 (2) Use of these accessories requires the user to cut out the partition.  
 (3) For block equipped with AL2 or DCG.

**Component holder  
terminal blocks  
Empty blocks  
Double deck blocks  
Screw clamp**

DIN 1 - 3



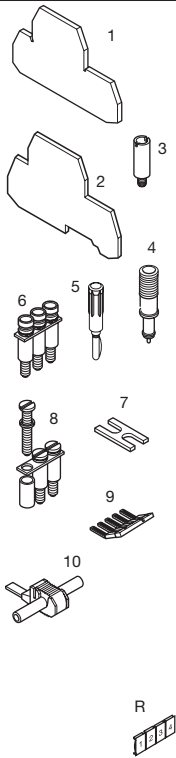
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH VO</b> | VO | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**Accessories**

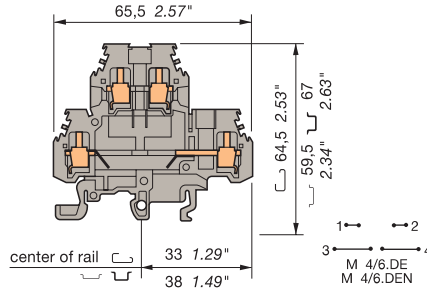


| Type                       | Part numbers |
|----------------------------|--------------|
| 1 End section              | grey<br>blue |
| 2 Separator end section    | grey         |
| 3 Test socket              |              |
| 4 Test device              | grey         |
| 5 Test plug                |              |
| 6 Assembled jumper bar     | 32 A         |
| (with IP 20 protection)    | 32 A         |
| 7 Connector bar            | 35 A         |
| 8 Jumper bar not assembled | 32 A         |
| Screw + post + washer      |              |
| 9 Comb-type jumper bar     | 35 A         |
| 10 IDC jumper              | 24 A         |

**R** See section on markers marking method

**M 4/6.DE...**

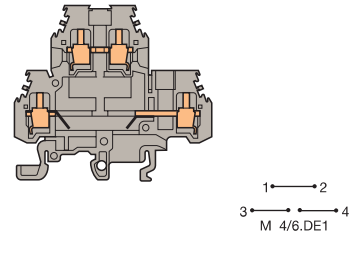
Spacing 6 mm +0,05 (.238")



Empty blocks for components (th. 5 mm max.).  
Internal, soldered connections, external, by Screw clamp.

**M 4/6.DE1**

Spacing 6 mm +0,05 (.238")



Empty blocks for components (th. 5 mm max.).  
Internal, soldered connections, external, by Screw clamp.

| Colour                         | Type                                      | Part numbers       |
|--------------------------------|-------------------------------------------|--------------------|
| Upper and lower circuit opened |                                           |                    |
| Grey                           | <input type="checkbox"/> <b>M 4/6.DE</b>  | 1SNA 115 185 R0500 |
| Blue                           | <input type="checkbox"/> <b>M 4/6.DEN</b> | 1SNA 125 185 R0700 |

| Characteristics       |                       |           |           |
|-----------------------|-----------------------|-----------|-----------|
| Wire size             | Screw clamp           |           |           |
|                       | Rigid                 | Flexible  |           |
| NFC                   | DIN                   | UL        | CSA       |
| 0,5-4 mm <sup>2</sup> | 0,5-4 mm <sup>2</sup> | 22-12 AWG | 22-12 AWG |

| Voltage               |                        |                |            |
|-----------------------|------------------------|----------------|------------|
| Rated                 | 500 V Gr.C             | 600 V          | 300 V      |
| Impulse withstand     |                        |                |            |
| Pollution degree      |                        |                |            |
| Current               |                        |                |            |
| Rated                 | 26 A                   | 20 A           | 20 A       |
| Wire size             |                        |                |            |
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
| 8,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP20       |
| .33"                  | .157"                  | 4.4-5.3 lb.in  | NEMA 1     |







| Voltage               |                        |                |            |
|-----------------------|------------------------|----------------|------------|
| Rated                 | 500 V Gr.C             | 600 V          | 300 V      |
| Impulse withstand     |                        |                |            |
| Pollution degree      |                        |                |            |
| Current               |                        |                |            |
| Rated                 | 26 A                   | 20 A           | 20 A       |
| Wire size             |                        |                |            |
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
| 8,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP20       |
| .33"                  | .157"                  | 4.4-5.3 lb.in  | NEMA 1     |

| Type          | Part numbers                          |
|---------------|---------------------------------------|
| FEM6D         | th. 1,0 mm 1SNA 118 499 R2300         |
| FEM6D         | th. 1,0 mm 1SNA 128 499 R2500         |
| SCF6D         | th. 1,0 mm 1SNA 118 495 R1700         |
| AL2           | DIA. 2,0 mm 1SNA 163 070 R0000        |
| AL3           | DIA. 3,0 mm 1SNA 163 261 R0000        |
| DCG           | 1SNA 163 218 R0500                    |
| FC2 (2)       | DIA. 2,0 mm 1SNA 007 865 R2600        |
| BJMI6D (1)(3) | 2 poles 1SNA 179 668 R2000            |
| BJMI6D (1)(3) | 3 poles 1SNA 179 669 R2100            |
| BJMI6D (1)(3) | 4 poles 1SNA 179 670 R2600            |
| BJMI6D (1)(3) | 5 poles 1SNA 179 671 R1300            |
| BJMI6D (1)(3) | 10 poles 1SNA 179 672 R1400           |
| EL6 (1)(3)    | 1SNA 173 627 R2100                    |
| BJS61 (1)(3)  | 10 poles 1SNA 168 485 R2700           |
| EV6D          | 1SNA 168 400 R1600                    |
| PC61          | th.0,5 mm 10 poles 1SNA 163 311 R2200 |
| AD2,5         | 1SNA 114 205 R2000                    |

RC65 - RC610 Sides of block RCT610 Top of block  
 Note : (1) Use of these accessories requires the user to cut out the partition.  
 (2) For block equipped with AL2 or DCG.  
 (3) These accessories can be used on the lower connection only.

**Component holder terminal blocks**  
**With neon lamp indicator**  
**Empty blocks**  
**Double deck**  
**Screw clamp**  
 **DIN 1 - 3**



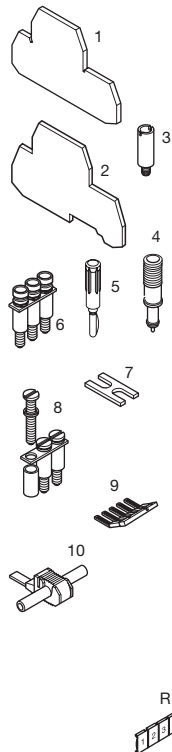
|          |                                                                                   |               |                |    |                    |
|----------|-----------------------------------------------------------------------------------|---------------|----------------|----|--------------------|
| End stop |  | th. 9,1 mm    | <b>BAMH</b>    | V2 | 1SNA 114 836 R0000 |
| End stop |  | th. 9,1 mm    | <b>BAMH VO</b> | VO | 1SNA 194 836 R0100 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

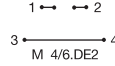
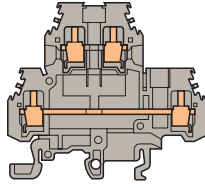
**Accessories**



|                                                |      |  |  |  |
|------------------------------------------------|------|--|--|--|
| <b>1</b> End section                           | grey |  |  |  |
| <b>2</b> Separator end section                 | grey |  |  |  |
| <b>3</b> Test socket                           |      |  |  |  |
| <b>4</b> Test device                           | grey |  |  |  |
| <b>5</b> Test plug                             |      |  |  |  |
| <b>6</b> Assembled jumper bar                  | 32 A |  |  |  |
| jumper bar (with IP 20 protection)             | 32 A |  |  |  |
| <b>7</b> Connector plate                       | 35 A |  |  |  |
| <b>8</b> Jumper bar not assembled              | 32 A |  |  |  |
| Screw + post + washer                          |      |  |  |  |
| <b>9</b> Comb-type jumper bar                  | 35 A |  |  |  |
| <b>10</b> IDC jumper                           |      |  |  |  |
| <b>R</b> See section on markers marking method |      |  |  |  |

**M 4/6.DE2**

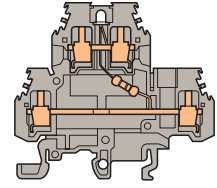
Spacing 6 mm + 0,05 (.238")



Empty blocks for components (th. 5 mm maxi.). Internal, soldered connections, external, by Screw clamp.

**M 4/6.DL...**

Spacing 6 mm + 0,05 (.238")



1 connection with 4 inputs on 2 decks. Equipped with a non-protected LED 24 V.

|                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

| Colour               | Type                                      | P/N                | Colour                 | Type                                      | P/N                |
|----------------------|-------------------------------------------|--------------------|------------------------|-------------------------------------------|--------------------|
| Upper circuit opened |                                           |                    | + on the upper circuit |                                           |                    |
| Grey                 | <input type="checkbox"/> <b>M 4/6.DE2</b> | 1SNA 115 326 R1100 | Grey body/red Led      | <input type="checkbox"/> <b>M 4/6.DL</b>  | 1SNA 115 178 R2500 |
|                      |                                           |                    | Grey body/green Led    | <input type="checkbox"/> <b>M 4/6.DLV</b> | 1SNA 115 522 R0600 |
|                      |                                           |                    | + on the lower circuit |                                           |                    |
|                      |                                           |                    | Grey body/red Led      | <input type="checkbox"/> <b>M 4/6.DL1</b> | 1SNA 115 179 R2600 |

| Characteristics |          |                       |    | Characteristics |             |          |                        |           |           |
|-----------------|----------|-----------------------|----|-----------------|-------------|----------|------------------------|-----------|-----------|
| Wire size       |          |                       |    | Wire size       |             |          |                        |           |           |
|                 |          | NFC DIN               | UL | CSA             |             | NFC DIN  | UL                     | CSA       |           |
| Screw clamp     | Rigid    | 0,5-4 mm <sup>2</sup> |    | 22-12 AWG       | Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  | 22-12 AWG | 22-12 AWG |
|                 | Flexible | 0,5-4 mm <sup>2</sup> |    | 22-12 AWG       |             | Flexible | 0,22-4 mm <sup>2</sup> | 22-12 AWG | 22-12 AWG |

| Voltage               |                        |                |            | Voltage               |                        |                |            |
|-----------------------|------------------------|----------------|------------|-----------------------|------------------------|----------------|------------|
| Rated                 | 500 V Gr.C             |                | 300 V      | Rated                 | 500 V Gr.C             | 600 V          | 300 V      |
| Impulse withstand     |                        |                |            | Impulse withstand     |                        |                |            |
| Pollution degree      |                        |                |            | Pollution degree      |                        |                |            |
| Current               |                        |                |            | Current               |                        |                |            |
| Rated                 | 26 A                   |                | 20 A       | Rated                 | 20 A                   | 20 A           | 20 A       |
| Wire size             |                        |                |            | Wire size             |                        |                |            |
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                | 12 AWG     | Rated / Gauge         | 4 mm <sup>2</sup> / A4 | 12 AWG         | 12 AWG     |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection | Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
| 8,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP20       | 8,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP20       |
| .33"                  | .16"                   | 4.4-5.3 lb.in  | NEMA 1     | .33"                  | .16"                   | 4.4-5.3 lb.in  | NEMA 1     |

| Type          | P/N                |                    |  | Type          | P/N                |                    |  |
|---------------|--------------------|--------------------|--|---------------|--------------------|--------------------|--|
| FEM6D         | th. 1,0 mm         | 1SNA 118 499 R2300 |  | FEM6D         | th. 1,0 mm         | 1SNA 118 499 R2300 |  |
| SCF6D         | th. 1,0 mm         | 1SNA 118 495 R1700 |  | SCF6D         | th. 1,0 mm         | 1SNA 118 495 R1700 |  |
| AL2           | DIA. 2,0 mm        | 1SNA 163 070 R0000 |  | AL2           | DIA. 2,0 mm        | 1SNA 163 070 R0000 |  |
| AL3           | DIA. 3,0 mm        | 1SNA 163 261 R0000 |  | AL3           | DIA. 3,0 mm        | 1SNA 163 261 R0000 |  |
| DCG           |                    | 1SNA 163 218 R0500 |  | DCG           |                    | 1SNA 163 218 R0500 |  |
| FC2 (2)       | DIA. 2,0 mm        | 1SNA 007 865 R2600 |  | FC2 (2)       | DIA. 2,0 mm        | 1SNA 007 865 R2600 |  |
| BJMI6D (1)(3) | 2 poles            | 1SNA 179 668 R2000 |  | BJMI6D (1)(3) | 2 poles            | 1SNA 179 668 R2000 |  |
| BJMI6D (1)(3) | 3 poles            | 1SNA 179 669 R2100 |  | BJMI6D (1)(3) | 3 poles            | 1SNA 179 669 R2100 |  |
| BJMI6D (1)(3) | 4 poles            | 1SNA 179 670 R2600 |  | BJMI6D (1)(3) | 4 poles            | 1SNA 179 670 R2600 |  |
| BJMI6D (1)(3) | 5 poles            | 1SNA 179 671 R1300 |  | BJMI6D (1)(3) | 5 poles            | 1SNA 179 671 R1300 |  |
| BJMI6D (1)(3) | 10 poles           | 1SNA 179 672 R1400 |  | BJMI6D (1)(3) | 10 poles           | 1SNA 179 672 R1400 |  |
| EL6 (1)(3)    |                    | 1SNA 173 627 R2100 |  | EL6 (1)(3)    |                    | 1SNA 173 627 R2100 |  |
| BJS61 (1)(3)  | 10 poles           | 1SNA 168 485 R2700 |  | BJS61 (1)(3)  | 10 poles           | 1SNA 168 485 R2700 |  |
| EV6D          |                    | 1SNA 168 400 R1600 |  | EV6D          |                    | 1SNA 168 400 R1600 |  |
| PC61          | th.0,5 mm 10 poles | 1SNA 163 311 R2200 |  | PC61          | th.0,5 mm 10 poles | 1SNA 163 311 R2200 |  |
| AD2,5         |                    | 1SNA 114 205 R2000 |  | AD2,5         |                    | 1SNA 114 205 R2000 |  |

RC65 - RC610 Sides of block      RCT610Top of block      RC65 - RC610 Sides of block      RCT610Top of block

Note : (1) Use of these accessories requires the user to cut out the partition.  
 (2) For block equipped with AL2 or DCG.  
 (3) These accessories can be mounted on the lower deck only.



# Electronic component-holder terminal blocks with potentiometer switch block with resistor

## Screw clamp

DIN 1 - 3



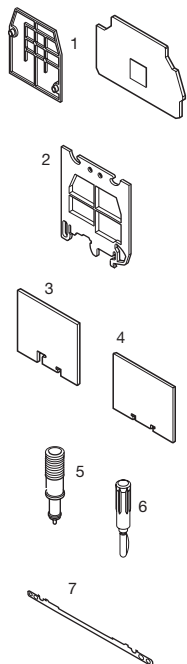
|          |  |               |                |    |                    |
|----------|--|---------------|----------------|----|--------------------|
| End stop |  | th. 9 mm      | <b>BADL</b>    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | <b>BAM2</b>    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | <b>BAM2 V0</b> | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | <b>PR3.Z2</b>  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | <b>PR4</b>     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | <b>PR5</b>     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | <b>PR1.Z2</b>  |    | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : see section on accessories.

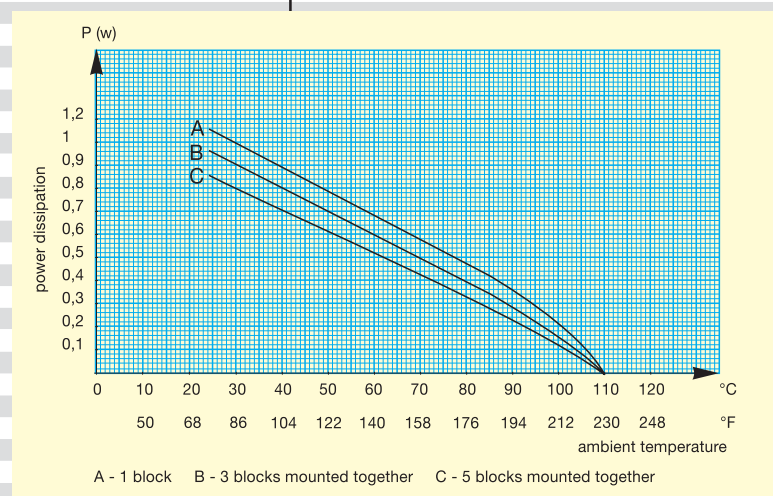
### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories



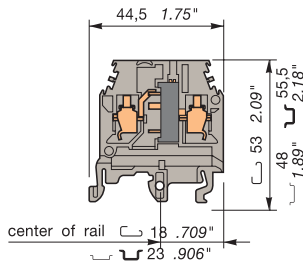
|   |                       |        |
|---|-----------------------|--------|
| 1 | End section           | grey   |
| 2 | Separator end section | grey   |
| 3 | Separator end section | grey   |
| 4 | Separator end section | grey   |
| 5 | Test device           | yellow |
| 6 | Test plug             |        |
| 7 | Shield connector      |        |



R See section on markers marking method

## M 4/7.R

Spacing 7 mm (.276")



Block equipped with a variable resistor 20Ω ± 10 % to compensate for line resistance in measurement circuits.



| Colour | Type                             | Part numbers       |
|--------|----------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/7.R | 1SNA 115 291 R1700 |

### Characteristics

| Wire size   | NFC DIN |          |                       | UL                    | CSA |
|-------------|---------|----------|-----------------------|-----------------------|-----|
|             | Rigid   | Flexible | 0,5-4 mm <sup>2</sup> | 0,5-4 mm <sup>2</sup> |     |
| Screw clamp |         |          |                       |                       |     |

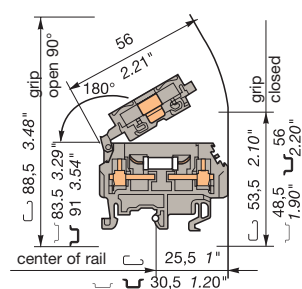
| Voltage           |            |
|-------------------|------------|
| Rated             | 750 V Gr.C |
| Impulse withstand |            |
| Pollution degree  |            |

| Current |           |
|---------|-----------|
| Rated   | see curve |

| Wire size             |                        |                |            |
|-----------------------|------------------------|----------------|------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                |            |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP 20      |
| .37"                  | .157"                  | 4.4-5.3 lb.in  | NEMA 1     |

## M 4/8.SF.R

Spacing 8 mm (.316")



Block with drawing grip equipped with a 10 kΩ / 2 W / 5% resistor



| Colour | Type                                | Part numbers       |
|--------|-------------------------------------|--------------------|
| Grey   | <input type="checkbox"/> M 4/8.SF.R | 1SNA 115 693 R1200 |

### Characteristics

| Wire size   | NFC DIN |          |                       | UL                    | CSA |
|-------------|---------|----------|-----------------------|-----------------------|-----|
|             | Rigid   | Flexible | 0,5-4 mm <sup>2</sup> | 0,5-4 mm <sup>2</sup> |     |
| Screw clamp |         |          |                       |                       |     |

| Voltage           |            |
|-------------------|------------|
| Rated             | 750 V Gr.C |
| Impulse withstand |            |
| Pollution degree  |            |

| Current |  |
|---------|--|
| Rated   |  |

| Wire size             |                        |                |            |
|-----------------------|------------------------|----------------|------------|
| Rated / Gauge         | 4 mm <sup>2</sup> / A4 |                |            |
| Wire stripping length | Recomm. screwdriver    | Recomm. torque | Protection |
| 9,5 mm                | 4 mm                   | 0,5-0,6 Nm     | IP 20      |
| .37"                  | .157"                  | 4.4-5.3 lb.in  | NEMA 1     |

| Type   | Part numbers |                    |  |
|--------|--------------|--------------------|--|
| FEM6   | th. 2,8 mm   | 1SNA 118 368 R1600 |  |
| SCFM6  | th. 3,0 mm   | 1SNA 114 825 R0500 |  |
| SCFEX1 | th. 2,4 mm   | 1SNA 103 619 R0400 |  |
| SCFEX3 | th. 2,4 mm   | 1SNA 103 620 R0100 |  |
| DCJ    |              | 1SNA 173 059 R0300 |  |
| FC2    | DIA. 2 mm    | 1SNA 007 865 R2600 |  |
| CBM5   | th. 0,5 mm   | 1SNA 178 745 R1400 |  |
| CBM8   | th. 0,8 mm   | 1SNA 178 746 R1500 |  |

|       |            |                    |
|-------|------------|--------------------|
| FEM8S | th. 1,5 mm | 1SNA 116 951 R1500 |
|-------|------------|--------------------|

Sides of block RC65 - RC610

Sides of block RC65 RC810

# Electronic component holder terminal blocks

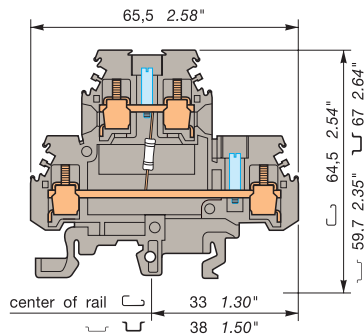
## With resistor

Screw clamp



### M 4/6.CA I/U - 250

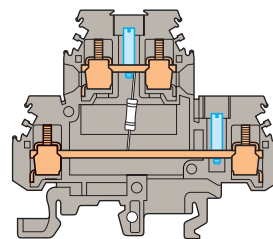
Spacing 6 mm (.236")



M 4/6 block equipped with a 250 Ω precision resistor and two DIA. 2 mm test sockets. For a 0-20 mA or 4-20 mA analog signal.

### M 4/6.CA I/U - 500

Spacing 6 mm (.236")



M 4/6 block equipped with a 500 Ω precision resistor and two DIA. 2 mm test sockets. For a 0-20 mA or 4-20 mA analog signal.

|         |  |               |                    |
|---------|--|---------------|--------------------|
| BAMH    |  | th. 9,1 mm V2 | 1SNA 114 836 R0000 |
| BAMH V0 |  | th. 9,1 mm V0 | 1SNA 194 836 R0100 |
| PR3.Z2  |  | 35 x 7,5 x 1  | 1SNA 174 300 R1700 |
| PR4     |  | 35 x 15 x 2,3 | 1SNA 168 500 R1200 |
| PR5     |  | 35 x 15 x 1,5 | 1SNA 168 700 R2200 |
| PR1.Z2  |  | 32 x 15 x 1,5 | 1SNA 163 050 R0400 |

Other end stops, rails and accessories : See section on accessories.

| Type               | Part number        | Type               | Part number        |
|--------------------|--------------------|--------------------|--------------------|
| Grey body          |                    | Grey body          |                    |
| M 4/6.CA I/U - 250 | 1SNA 007 025 R1700 | M 4/6.CA I/U - 500 | 1SNA 007 026 R1000 |

### Component characteristics

|             |        |        |
|-------------|--------|--------|
| Resistor    | 250 Ω  | 500 Ω  |
| Rated power | 0.35 W | 0.35 W |
| Accuracy    | 0,1 %  | 0,1 %  |
| Stability   | 25 ppm | 25 ppm |

### Characteristics

|                 |             |          | NFC                    | DIN | UL | CSA | NFC                    | DIN | UL | CSA |
|-----------------|-------------|----------|------------------------|-----|----|-----|------------------------|-----|----|-----|
| Wire size       | Screw clamp | Rigid    | 0,2-4 mm <sup>2</sup>  |     |    |     | 0,2-4 mm <sup>2</sup>  |     |    |     |
|                 |             | Flexible | 0,22-4 mm <sup>2</sup> |     |    |     | 0,22-4 mm <sup>2</sup> |     |    |     |
| Rated voltage   | V           | ~        |                        |     |    |     |                        |     |    |     |
| Rated current   | A           | =        | 26                     |     |    |     | 26                     |     |    |     |
| Rated wire size |             |          | 4 mm <sup>2</sup>      |     |    |     | 4 mm <sup>2</sup>      |     |    |     |

### Other characteristics

| Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      | Wire stripping length | Recommended screwdriver | Recommended torque          | Protection      |
|-----------------------|-------------------------|-----------------------------|-----------------|-----------------------|-------------------------|-----------------------------|-----------------|
| 8,5 mm<br>.33"        | 4 mm                    | 0,4-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 | 8,5 mm<br>.33"        | 4 mm                    | 0,4-0,6 Nm<br>3.5-5.3 lb.in | IP 20<br>NEMA 1 |

### Accessories

|                         | Type | Part numbers                      | Type           | Part numbers       |
|-------------------------|------|-----------------------------------|----------------|--------------------|
| 6 End section           | grey | FEM6D th. 1 mm 1SNA 118 499 R2300 | FEM6D th. 1 mm | 1SNA 118 499 R2300 |
| 7 Separator end section | grey | SCF6D th. 1 mm 1SNA 118 495 R1700 | SCF6D th. 1 mm | 1SNA 118 495 R1700 |
| 8 Test device           | grey | DCG grey 1SNA 163 218 R0500       | DCG grey       | 1SNA 163 218 R0500 |
| 9 Test plug             |      | FC2 DIA. 2 mm 1SNA 007 865 R2600  | FC2 DIA. 2 mm  | 1SNA 007 865 R2600 |
| 10 Comb-type jumper bar |      | PC61 10 poles 1SNA 163 311 R2200  | PC61 10 poles  | 1SNA 163 311 R2200 |
| 11 IDC jumper           |      | AD2,5 1SNA 114 205 R2000          | AD2,5          | 1SNA 114 205 R2000 |

R See section on markers marking method

RC65 - RC610

RC65 - RC610

## Thermocouple terminal blocks

### Screw clamp

DIN 1 - 3



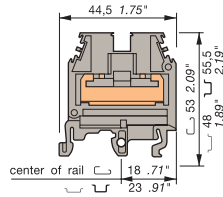
☒ refer to the section "Special Applications" for part numbers and characteristics.

|          |  |               |         |    |                    |
|----------|--|---------------|---------|----|--------------------|
| End stop |  | th. 9 mm      | BADL    | V0 | 1SNA 399 903 R0200 |
| End stop |  | th. 10 mm     | BAM2    | V2 | 1SNA 206 351 R1600 |
| End stop |  | th. 10 mm     | BAM2 V0 | V0 | 1SNA 296 351 R0000 |
| Rail     |  | 35 x 7,5 x 1  | PR3.Z2  |    | 1SNA 174 300 R1700 |
| Rail     |  | 35 x 15 x 2,3 | PR4     |    | 1SNA 168 500 R1200 |
| Rail     |  | 35 x 15 x 1,5 | PR5     |    | 1SNA 168 700 R2200 |
| Rail     |  | 32 x 15 x 1,5 | PR1.Z2  |    | 1SNA 163 050 R0400 |

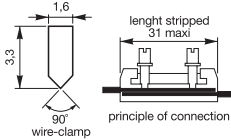
Other end stops, rails and accessories : see section on accessories.

## MTC 6

Spacing 6 mm (.236")



6 mm block for thermocouple wires.



## Thermocouple terminal blocks

Entrelec's MTC 6 thermocouple terminal block provides an interface for connecting thermocouple wire with virtually no loss of signal integrity. The interface design ensures positive wire continuity and allows selection and inventory of one terminal block for all thermocouple material.



Figure 1 : MTC 6 with shield connector

The thermocouple principle is based on the reaction of different metals to temperature. When thermocouple wires are terminated or connected, the "metal balance" must be maintained. The introduction of a foreign material (such as copper) results in loss of signal strength and integrity.

When running extended or intermittent lengths of thermocouple wire, to a measurement instrument, two solutions are available :

1. When signals are carried over a long distance, a thermocouple transmitter is required. The thermocouple signal, in millivolts (mV), is converted to a milliampere (mA) signal (i.e. 4-20 mA) for ease of transmission.
2. When thermocouple wire is of insufficient length, termination and interconnection, using terminal blocks, will extend its length.

### Universal terminal block

Other thermocouple terminal blocks are available with hardware (screws, clamps and connecting bar) which match the thermocouple

|               |           | Type  | Part number        |
|---------------|-----------|-------|--------------------|
| Bloc standard | Grey body | MTC 6 | 1SNA 115 206 R2200 |

| Characteristics                    | NFC DIN                                                 | UL                         | CSA |
|------------------------------------|---------------------------------------------------------|----------------------------|-----|
| Wire size<br>mm <sup>2</sup> / AWG | 2 Rigid conductors for thermocouple<br>(Ø 0.9 - 1.5 mm) |                            |     |
| Rated voltage                      | V                                                       | 500 V Gr.C                 |     |
| Rated current                      |                                                         |                            |     |
| Rated wire size                    |                                                         |                            |     |
| Wire stripping length              | mm / inches                                             | 31 mm max. / 1.22"         |     |
| Recommended torque                 | Nm / lb.in                                              | 0,4-0,6 Nm / 3,5-5,3 lb.in |     |

| Accessories        | Type | Part number                     |
|--------------------|------|---------------------------------|
| 1 End section      | grey | FEM6 th.,2,8 1SNA 118 368 R1600 |
| 2 Shield connector |      | CBM5 th.,0,5 1SNA 178 745 R1400 |
|                    |      | CBM8 th.,0,8 1SNA 178 746 R1500 |

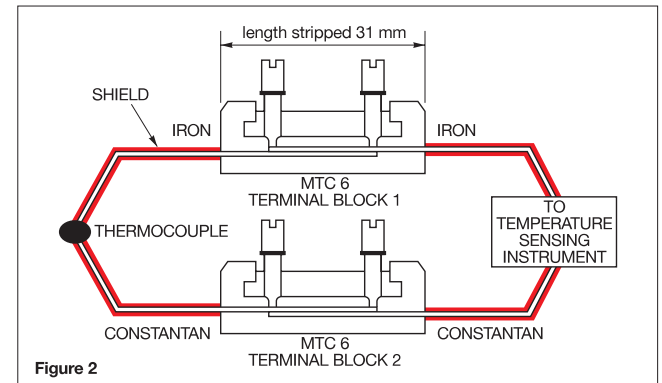
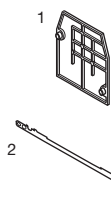


Figure 2

material being used. This requires inventory of many different terminal block types.

Entrelec's MTC 6 terminal block adapts to all thermocouple material. This "neutral" method of connection limits the introduction of foreign materials to an insignificant level. The thermocouple wire insulation is stripped (31 mm maximum) and the bare wires are superimposed on one another. The thermocouple wires are in contact over their complete 31 mm length and tightened at two points by round tip screws (see figure 2). The screws, made of plated brass, have only a mechanical function, that of holding the wires together with a point contact. Thus, the pressure points are not relevant in the connection environment. One thermocouple lead connects through one terminal block (see figure 2). The MTC 6 requires only 6 mm of space, allowing 50 terminals per foot of rail.

### Thermocouple shield wire connector bar

The MTC 6 can be field of factory equipped with a shield connector bar (see figure 1). This bar, made of treated brass, mounts in the lower part of the terminal block. It ensures the continuity of the thermocouple wire shield through the terminal block or to ground with no additional spacing.

RC65 - RC610 Sides of block RCT610 Top of block

R See section on markers marking method

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# Notes

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# Miniblocks

for profil EN 50045

(DIN 46277/2)

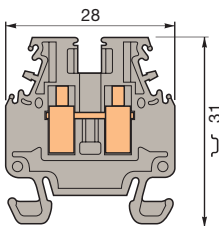
Screw clamp - Screw clamp

~ DIN 2



## DR 1,5/4

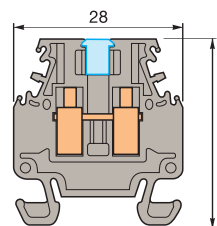
Spacing 4 mm (.157")



Standard block 4 mm.

## DR 1,5/4.1

Spacing 4 mm (.157")



Standard block 4 mm with partition.



| Color   | Type                                 | Part number        |
|---------|--------------------------------------|--------------------|
| Grey    | <input type="checkbox"/> DR 1,5/4    | 1SNA 110 106 R2500 |
| Grey V0 | <input type="checkbox"/> DR 1,5/4.V0 | 1SNA 399 575 R0000 |

| Color   | Type                                   | Part number        |
|---------|----------------------------------------|--------------------|
| Grey    | <input type="checkbox"/> DR 1,5/4.1    | 1SNA 110 107 R2600 |
| Grey V0 | <input type="checkbox"/> DR 1,5/4.1.V0 | 1SNA 399 578 R1300 |

### Characteristics

| Wire size |          | IEC                      |           | UL        | CSA |
|-----------|----------|--------------------------|-----------|-----------|-----|
|           |          | NFC                      | DIN       |           |     |
| Screw     | Rigid    | 0,2-1,5 mm <sup>2</sup>  | 24-16 AWG | 24-16 AWG |     |
|           | Flexible | 0,22-1,5 mm <sup>2</sup> | 24-16 AWG | 24-16 AWG |     |
|           | Rigid    |                          |           |           |     |
|           | Flexible |                          |           |           |     |

### Characteristics

| Wire size |          | IEC                      |           | UL        | CSA |
|-----------|----------|--------------------------|-----------|-----------|-----|
|           |          | NFC                      | DIN       |           |     |
| Screw     | Rigid    | 0,2-1,5 mm <sup>2</sup>  | 24-16 AWG | 24-16 AWG |     |
|           | Flexible | 0,22-1,5 mm <sup>2</sup> | 24-16 AWG | 24-16 AWG |     |
|           | Rigid    |                          |           |           |     |
|           | Flexible |                          |           |           |     |

|          |   |            |       |    |                    |
|----------|---|------------|-------|----|--------------------|
| End stop | ~ | th. 6,5 mm | BADRL | V0 | 1SNA 199 420 R2100 |
| Rail     | ~ | 15 x 5 x 1 | PR2   |    | 1SNA 164 600 R1200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Some accessories can decrease the block's voltage rating. Consult us for information.

#### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 500 V | 300 V | 200 V |
| Impulse withstand | 6 kV  |       |       |
| Pollution degree  | 3     |       |       |

#### Voltage

|                   |       |       |       |
|-------------------|-------|-------|-------|
| Rated             | 500 V | 300 V | 200 V |
| Impulse withstand | 6 kV  |       |       |
| Pollution degree  | 3     |       |       |

#### Current

|       |        |      |      |
|-------|--------|------|------|
| Rated | 17,5 A | 10 A | 10 A |
|-------|--------|------|------|

#### Current

|       |        |      |      |
|-------|--------|------|------|
| Rated | 17,5 A | 10 A | 10 A |
|-------|--------|------|------|

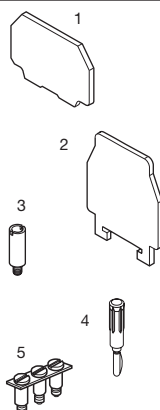
#### Wire size

| Rated / Gauge      | 1,5 mm <sup>2</sup> / A1 | 16 AWG         | 16 AWG     |
|--------------------|--------------------------|----------------|------------|
| Wire strip. length | Recomm. screwdriver      | Recomm. torque | Protection |
| 7 mm               | 2,5 mm                   | 0,4-0,6 Nm     | IP20       |
| .275"              | .98"                     | 3.5-5.3 lb.in  | NEMA1      |

#### Wire size

| Rated/gauge        | 1,5 mm <sup>2</sup> / A1 | 16 AWG         | 16 AWG     |
|--------------------|--------------------------|----------------|------------|
| Wire strip. length | Recomm. screwdriver      | Recomm. torque | Protection |
| 7 mm               | 2,5 mm                   | 0,4-0,6 Nm     | IP20       |
| .275"              | .98"                     | 3.5-5.3 lb.in  | NEMA1      |

### Accessories



| Type                                             | Part number                                 |
|--------------------------------------------------|---------------------------------------------|
| 1 End section                                    | grey FED2-4 1SNA 215 580 R2100              |
|                                                  | grey FED2-4 V0 1SNA 399 577 R0200           |
| 2 Circuit separator                              | white SCDR61 th. 0,3 mm 1SNA 173 016 R1000  |
| 3 Test socket                                    | AL2-4 (1) DIA. 2,0 mm 1SNA 205 716 R0300    |
| 4 Test plug                                      | FC2 (1) DIA. 2,0 mm 1SNA 007 865 R2600      |
| 5 Assembled jumper bar (without protection IP20) | BJM4 (1) 17,5 A 2 poles 1SNA 205 735 R0600  |
|                                                  | BJM4 (1) 17,5 A 3 poles 1SNA 205 736 R0700  |
|                                                  | BJM4 (1) 17,5 A 5 poles 1SNA 205 737 R0000  |
|                                                  | BJM4 (1) 17,5 A 10 poles 1SNA 205 738 R1100 |

| Type      | Part number                        |
|-----------|------------------------------------|
| FED2-4    | 1SNA 215 580 R2100                 |
| FED2-4 V0 | 1SNA 399 577 R0200                 |
| SCDR61    | th. 0,3 mm 1SNA 173 016 R1000      |
| AL2-4 (1) | DIA. 2,0 mm 1SNA 205 716 R0300     |
| FC2 (1)   | DIA. 2,0 mm 1SNA 007 865 R2600     |
| BJM4 (1)  | 17,5 A 2 poles 1SNA 205 735 R0600  |
| BJM4 (1)  | 17,5 A 3 poles 1SNA 205 736 R0700  |
| BJM4 (1)  | 17,5 A 5 poles 1SNA 205 737 R0000  |
| BJM4 (1)  | 17,5 A 10 poles 1SNA 205 738 R1100 |

| Type      | Part number                        |
|-----------|------------------------------------|
| FED2-4    | 1SNA 215 580 R2100                 |
| FED2-4 V0 | 1SNA 399 577 R0200                 |
| SCDR61    | th. 0,3 mm 1SNA 173 016 R1000      |
| AL2-4 (1) | DIA. 2,0 mm 1SNA 205 716 R0300     |
| FC2 (1)   | DIA. 2,0 mm 1SNA 007 865 R2600     |
| BJM4 (1)  | 17,5 A 2 poles 1SNA 205 735 R0600  |
| BJM4 (1)  | 17,5 A 3 poles 1SNA 205 736 R0700  |
| BJM4 (1)  | 17,5 A 5 poles 1SNA 205 737 R0000  |
| BJM4 (1)  | 17,5 A 10 poles 1SNA 205 738 R1100 |

R



R See section on markers  
Marking method

RC410 Sides of block

RC410 Sides of block

(1) A circuit separator SC is required with the use of these accessories.

# Miniblocks

for profil EN 50045

(DIN 46277/2)

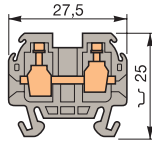
Screw clamp - Screw clamp

~ DIN 2



## DR 1,5/5

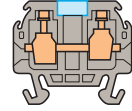
Spacing 5 mm + 0,08 (.200")



Standard block 5 mm.

## DR 1,5/5.1

Spacing 5 mm + 0,08 (.200")



DR 1,5/5 with partition.

| Color | Type     | Part number        | Color | Type       | Part number        |
|-------|----------|--------------------|-------|------------|--------------------|
| Grey  | DR 1,5/5 | 1SNA 115 510 R1600 | Grey  | DR 1,5/5.1 | 1SNA 112 086 R0200 |

refer to the section "Special Applications" for part numbers and characteristics.

|          |   |            |       |    |                    |
|----------|---|------------|-------|----|--------------------|
| End stop | ~ | th. 6,5 mm | BADRL | V0 | 1SNA 199 420 R2100 |
| Rail     | ~ | 15 x 5 x 1 | PR2   |    | 1SNA 164 600 R1200 |

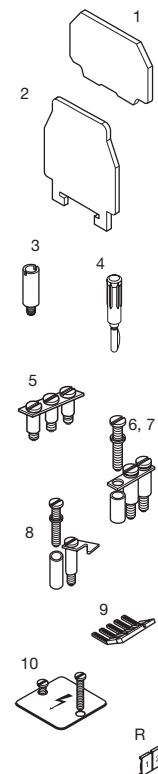
Other end stops, rails and accessories : see section on accessories.

### Notes

Some accessories can decrease the block's voltage rating. Consult us for information.

| Characteristics    |                     |                          |            |           | Characteristics    |                     |                          |            |           |       |           |
|--------------------|---------------------|--------------------------|------------|-----------|--------------------|---------------------|--------------------------|------------|-----------|-------|-----------|
| Wire size          |                     |                          |            |           | Wire size          |                     |                          |            |           |       |           |
| Screw              |                     | IEC                      |            | UL        | CSA                | Screw               |                          | IEC        |           | UL    | CSA       |
|                    |                     | NFC                      | DIN        |           |                    |                     |                          | NFC        | DIN       |       |           |
| Rigid              | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 28-12 AWG  | 28-14 AWG | Rigid              | Rigid               | 0,2-2,5 mm <sup>2</sup>  | 28-12 AWG  | 28-14 AWG | Rigid | 28-14 AWG |
|                    | Flexible            | 0,22-1,5 mm <sup>2</sup> | 28-12 AWG  | 28-14 AWG |                    | Flexible            | 0,22-1,5 mm <sup>2</sup> | 28-12 AWG  | 28-14 AWG |       | Flexible  |
| <b>Voltage</b>     |                     |                          |            |           | <b>Voltage</b>     |                     |                          |            |           |       |           |
| Rated              |                     | 250 V Gr.C               | 300 V      | 300 V     | Rated              |                     | 250 V Gr.C               | 300 V      | 300 V     |       |           |
| Impulse withstand  |                     |                          |            |           | Impulse withstand  |                     |                          |            |           |       |           |
| Pollution degree   |                     |                          |            |           | Pollution degree   |                     |                          |            |           |       |           |
| <b>Current</b>     |                     |                          |            |           | <b>Current</b>     |                     |                          |            |           |       |           |
| Rated              |                     | 20 A                     | 20 A       | 20 A      | Rated              |                     | 20 A                     | 20 A       | 20 A      |       |           |
| <b>Wire size</b>   |                     |                          |            |           | <b>Wire size</b>   |                     |                          |            |           |       |           |
| Rated / Gauge      |                     | 1,5 mm <sup>2</sup>      | 12 AWG     | 14 AWG    | Rated/gauge        |                     | 1,5 mm <sup>2</sup>      | 12 AWG     | 14 AWG    |       |           |
| Wire strip. length | Recomm. screwdriver | Recomm. torque           | Protection |           | Wire strip. length | Recomm. screwdriver | Recomm. torque           | Protection |           |       |           |
| 8,5 mm             | 3,5 mm              | 0,4-0,6 Nm               | IP20       |           | 8,5 mm             | 3,5 mm              | 0,4-0,6 Nm               | IP 20      |           |       |           |
| .335"              | .138"               | 3.5-5.3 lb.in            | NEMA1      |           | .33"               | .14"                | 3.5-5.3 lb.in            | NEMA 1     |           |       |           |

### Accessories



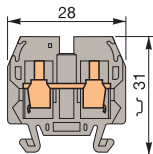
| Type                                          | Part number            |
|-----------------------------------------------|------------------------|
| 1 End section                                 | grey blue yellow white |
| 2 Circuit separator                           |                        |
| 3 Test socket                                 |                        |
| 4 Test plug                                   |                        |
| 5 Assembled jumper bar (with protection IP20) |                        |
| 6 Jumper bar not preassembled                 |                        |
| 7 Post + screw for BJ                         |                        |
| 8 Pivoting jumper bar                         |                        |
| 9 Shielding connector                         |                        |
| 10 Protection label                           |                        |
| Screw for protection label                    |                        |
| R See section on markers                      |                        |
| Marking method                                |                        |

| Type                   | Part number                      |
|------------------------|----------------------------------|
| FEDR5                  | th. 1 mm 1SNA 117 318 R2300      |
| FEDR5                  | th. 1 mm 1SNA 117 318 R2300      |
| AL2                    | DIA. 2 mm 1SNA 167 319 R0600     |
| FC2 (2)                | DIA. 2 mm 1SNA 007 865 R2600     |
| BJMI5 DR 24 A 2 poles  | 1SNA 176 704 R0200               |
| BJMI5 DR 24 A 3 poles  | 1SNA 176 705 R0300               |
| BJMI5 DR 24 A 4 pôles  | 1SNA 176 706 R0400               |
| BJMI5 DR 24 A 5 poles  | 1SNA 176 707 R0500               |
| BJMI5 DR 24 A 10 poles | 1SNA 176 708 R1600               |
| BJS5 (3)               | 20 poles 1SNA 177 652 R0600      |
| EVD5                   | 1SNA 167 900 R0200               |
| PC51                   | 25 A 10 poles 1SNA 167 908 R0600 |
| PC51                   | 25 A 10 poles 1SNA 167 908 R0600 |
| RC55                   | Sides of block                   |
| RC55                   | Sides of block                   |

- (1) Use of these accessories requires the user to cut out the partition.
- (2) For terminal block equipped with test socket AL2.
- (3) For other number of poles, see section accessories

### DR 4/6

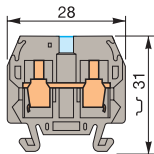
Spacing 6 mm + 0,05 (.238")



Standard block 6 mm

### DR 4/6.1

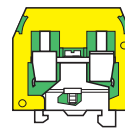
Spacing 6 mm + 0,05 (.238")



DR 4/6 with partition

### DR 4/6.P

Spacing 6 mm + 0,05 (.238")



Terminal block for ground wire same size as DR 4/6 block.

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

| Color                         | Type            | Part number        |
|-------------------------------|-----------------|--------------------|
| Grey <input type="checkbox"/> | <b>DR 4/6</b>   | 1SNA 110 251 R0500 |
| Blue <input type="checkbox"/> | <b>DR 4/6.N</b> | 1SNA 120 251 R0700 |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

| Color                         | Type              | Part number        |
|-------------------------------|-------------------|--------------------|
| Grey <input type="checkbox"/> | <b>DR 4/6.1</b>   | 1SNA 110 491 R1700 |
| Blue <input type="checkbox"/> | <b>DR 4/6.1.N</b> | 1SNA 120 491 R1100 |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

| Color                                   | Type            | Part number        |
|-----------------------------------------|-----------------|--------------------|
| Green / Yellow <input type="checkbox"/> | <b>DR 4/6.P</b> | 1SNA 160 496 R2600 |

### Characteristics

#### Wire size

| Screw | Rigid / Flexible | IEC                    | UL        | CSA       |
|-------|------------------|------------------------|-----------|-----------|
|       |                  | NFC DIN                | 18-12 AWG | 18-12 AWG |
|       |                  | 0,2-4 mm <sup>2</sup>  | 18-12 AWG | 18-12 AWG |
|       |                  | 0,22-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

#### Voltage

|                   |            |       |               |
|-------------------|------------|-------|---------------|
| Rated             | 500 V Gr.C | 250 V | 300 V / 150 V |
| Impulse withstand |            |       |               |
| Pollution degree  |            |       |               |

#### Current

|       |      |      |             |
|-------|------|------|-------------|
| Rated | 30 A | 20 A | 10 A / 25 A |
|-------|------|------|-------------|

#### Wire size

| Rated / Gauge      | 4 mm <sup>2</sup>   | 12 AWG             | 12 AWG     |
|--------------------|---------------------|--------------------|------------|
| Wire strip. length | Recomm. screwdriver | Recommended torque | Protection |
| 9,5 mm             | 4 mm                | 0,5-0,8 Nm         | IP 20      |
| .37"               | .16"                | 4,4-7,1 ib.in      | NEMA 1     |

### Characteristics

#### Wire size

| Screw | Rigid / Flexible | IEC                    | UL        | CSA       |
|-------|------------------|------------------------|-----------|-----------|
|       |                  | NFC DIN                | 18-12 AWG | 18-12 AWG |
|       |                  | 0,2-4 mm <sup>2</sup>  | 18-12 AWG | 18-12 AWG |
|       |                  | 0,22-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

#### Voltage

|                   |            |       |               |
|-------------------|------------|-------|---------------|
| Rated             | 500 V Gr.C | 250 V | 300 V / 150 V |
| Impulse withstand |            |       |               |
| Pollution degree  |            |       |               |

#### Current

|       |      |      |             |
|-------|------|------|-------------|
| Rated | 30 A | 20 A | 10 A / 25 A |
|-------|------|------|-------------|

#### Wire size

| Rated / Gauge      | 4 mm <sup>2</sup>   | 12 AWG             | 12 AWG     |
|--------------------|---------------------|--------------------|------------|
| Wire strip. length | Recomm. screwdriver | Recommended torque | Protection |
| 9,5 mm             | 4 mm                | 0,5-0,8 Nm         | IP 20      |
| .37"               | .16"                | 4,4-7,1 ib.in      | NEMA 1     |

### Characteristics

#### Wire size

| Screw | Rigid / Flexible | IEC                    | UL        | CSA       |
|-------|------------------|------------------------|-----------|-----------|
|       |                  | NFC DIN                | 18-12 AWG | 18-12 AWG |
|       |                  | 0,2-4 mm <sup>2</sup>  | 18-12 AWG | 18-12 AWG |
|       |                  | 0,22-4 mm <sup>2</sup> | 18-12 AWG | 18-12 AWG |

#### Voltage

|                   |  |  |  |
|-------------------|--|--|--|
| Rated             |  |  |  |
| Impulse withstand |  |  |  |
| Pollution degree  |  |  |  |

#### Current

|       |  |  |  |
|-------|--|--|--|
| Rated |  |  |  |
|-------|--|--|--|

#### Wire size

| Rated / Gauge      | 4 mm <sup>2</sup>   | 12 AWG             | 12 AWG     |
|--------------------|---------------------|--------------------|------------|
| Wire strip. length | Recomm. screwdriver | Recommended torque | Protection |
| 9,5 mm             | 4 mm                | 0,5-0,8 Nm         | IP 20      |
| .37"               | .16"                | 4,4-7,1 ib.in      | NEMA 1     |

| Type    | Part number |      |                      |
|---------|-------------|------|----------------------|
| FEDR61  | th. 1 mm    | 1SNA | <b>117 600 R0300</b> |
| FEDR61  | th. 1 mm    | 1SNA | <b>127 600 R0500</b> |
| SCDR61  | th. 0,3 mm  | 1SNA | <b>173 016 R1000</b> |
| AL2     | DIA. 2 mm   | 1SNA | <b>167 319 R0600</b> |
| FC2 (2) | DIA. 2 mm   | 1SNA | <b>007 865 R2600</b> |

| Type    | Part number |      |                      |
|---------|-------------|------|----------------------|
| FEDR61  | th. 1 mm    | 1SNA | <b>117 600 R0300</b> |
| FEDR61  | th. 1 mm    | 1SNA | <b>127 600 R0500</b> |
| SCDR61  | th. 0,3 mm  | 1SNA | <b>173 016 R1000</b> |
| AL2     | DIA. 2 mm   | 1SNA | <b>167 319 R0600</b> |
| FC2 (2) | DIA. 2 mm   | 1SNA | <b>007 865 R2600</b> |

| Type   | Part number |      |                      |
|--------|-------------|------|----------------------|
| FEDR63 | th. 1 mm    | 1SNA | <b>103 975 R2100</b> |
| SCDR61 | th. 0,3 mm  | 1SNA | <b>173 016 R1000</b> |

|           |      |          |      |                      |
|-----------|------|----------|------|----------------------|
| BJM62 (1) | 32 A | 2 poles  | 1SNA | <b>173 217 R2600</b> |
| BJM62 (1) | 32 A | 3 poles  | 1SNA | <b>173 218 R0700</b> |
| BJM62 (1) | 32 A | 4 poles  | 1SNA | <b>173 219 R0000</b> |
| BJM62 (1) | 32 A | 5 poles  | 1SNA | <b>173 221 R2200</b> |
| BJM62 (1) | 32 A | 6 poles  | 1SNA | <b>174 112 R1600</b> |
| BJM62 (1) | 32 A | 7 poles  | 1SNA | <b>174 113 R1700</b> |
| BJM62 (1) | 32 A | 8 poles  | 1SNA | <b>174 114 R1000</b> |
| BJM62 (1) | 32 A | 9 poles  | 1SNA | <b>174 115 R1100</b> |
| BJM62 (1) | 32 A | 10 poles | 1SNA | <b>173 226 R2700</b> |

|           |      |          |      |                      |
|-----------|------|----------|------|----------------------|
| BJM62 (1) | 32 A | 2 poles  | 1SNA | <b>173 217 R2600</b> |
| BJM62 (1) | 32 A | 3 poles  | 1SNA | <b>173 218 R0700</b> |
| BJM62 (1) | 32 A | 4 poles  | 1SNA | <b>173 219 R0000</b> |
| BJM62 (1) | 32 A | 5 poles  | 1SNA | <b>173 221 R2200</b> |
| BJM62 (1) | 32 A | 6 poles  | 1SNA | <b>174 112 R1600</b> |
| BJM62 (1) | 32 A | 7 poles  | 1SNA | <b>174 113 R1700</b> |
| BJM62 (1) | 32 A | 8 poles  | 1SNA | <b>174 114 R1000</b> |
| BJM62 (1) | 32 A | 9 poles  | 1SNA | <b>174 115 R1100</b> |
| BJM62 (1) | 32 A | 10 poles | 1SNA | <b>173 226 R2700</b> |

|        |      |          |      |                      |
|--------|------|----------|------|----------------------|
| BJPD6  | 1SNA |          |      | <b>173 223 R2400</b> |
| PC61   | 35 A | 10 poles | 1SNA | <b>163 311 R2200</b> |
| EPD61  | 1SNA |          |      | <b>173 206 R0400</b> |
| VSPD61 | 1SNA |          |      | <b>173 207 R0500</b> |

|        |      |          |      |                      |
|--------|------|----------|------|----------------------|
| BJPD6  | 1SNA |          |      | <b>173 223 R2400</b> |
| PC61   | 35 A | 10 poles | 1SNA | <b>163 311 R2200</b> |
| EPD61  | 1SNA |          |      | <b>173 206 R0400</b> |
| VSPD61 | 1SNA |          |      | <b>173 207 R0500</b> |

|      |      |          |      |                      |
|------|------|----------|------|----------------------|
| PC61 | 35 A | 10 poles | 1SNA | <b>163 311 R2200</b> |
|------|------|----------|------|----------------------|

RC65 On sides

Notes: (1) Use of these accessories requires the user to cut out the partition.  
(2) For terminal blocks with test socket.

RC65 On sides

RC65 On sides

# Miniblocks

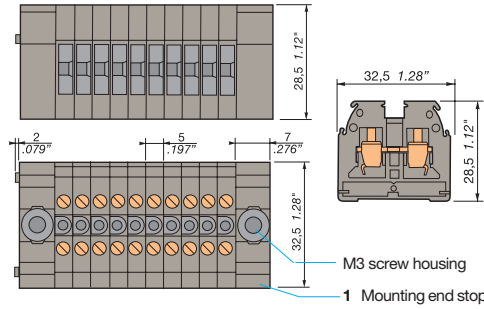
Base mount

Screw clamp - Screw clamp



## 50 PLTVV

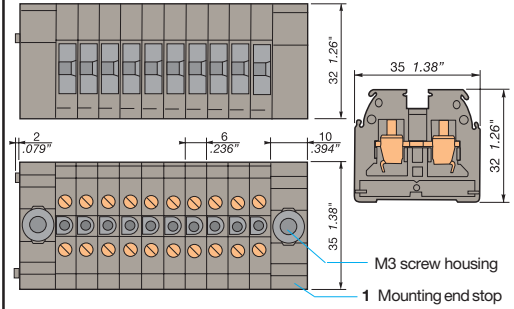
Spacing 5 mm (.197")



5 mm miniblock

## 61 NLTVV

Spacing 6 mm (.236")



6 mm miniblock

| Color                         | Type            | Part number        |  |  |
|-------------------------------|-----------------|--------------------|--|--|
| Grey <input type="checkbox"/> | <b>50 PLTVV</b> | 1SNA 050 000 R1100 |  |  |

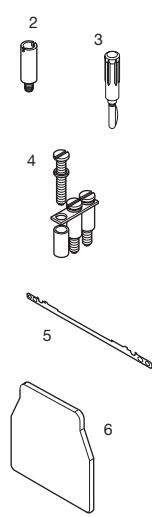
| Color                          | Type            | Part number        |  |  |
|--------------------------------|-----------------|--------------------|--|--|
| Grey <input type="checkbox"/>  | <b>61 NLTVV</b> | 1SNA 115 102 R1200 |  |  |
| Black <input type="checkbox"/> | <b>61 NLTVV</b> | 1SNA 105 102 R2100 |  |  |

| Characteristics    |                     |                           |            |     |
|--------------------|---------------------|---------------------------|------------|-----|
| Wire size          |                     | IEC                       | UL         | CSA |
|                    |                     | NFC DIN                   |            |     |
| Screw              | Rigid               | 0,5 - 4 mm <sup>2</sup>   | 22-14 AWG  |     |
|                    | Flexible            | 0,5 - 2,5 mm <sup>2</sup> | 22-14 AWG  |     |
|                    | Rigid               |                           |            |     |
|                    | Flexible            |                           |            |     |
| Voltage            |                     |                           |            |     |
| Rated              |                     | 800 V                     | 600 V      |     |
| Impulse withstand  |                     | 8 kV                      |            |     |
| Pollution degree   |                     | 3                         |            |     |
| Current            |                     |                           |            |     |
| Rated              |                     | 24 A                      | 15 A       |     |
| Wire size          |                     |                           |            |     |
| Rated / Gauge      |                     |                           | 14 AWG     |     |
| Wire strip. length | Recomm. screwdriver | Recomm. torque            | Protection |     |
| 9,5 mm             | 4 mm                | 0,4 - 0,6 Nm              | IP 20      |     |
| .37"               | .16"                | 3.5 - 5.3 lb.in           | NEMA 1     |     |

| Characteristics    |                     |                         |            |           |
|--------------------|---------------------|-------------------------|------------|-----------|
| Wire size          |                     | IEC                     | UL         | CSA       |
|                    |                     | NFC DIN                 |            |           |
| Screw              | Rigid               | 0,5 - 6 mm <sup>2</sup> | 22-12 AWG  | 24-12 AWG |
|                    | Flexible            | 0,5 - 4 mm <sup>2</sup> | 22-12 AWG  | 24-12 AWG |
|                    | Rigid               |                         |            |           |
|                    | Flexible            |                         |            |           |
| Voltage            |                     |                         |            |           |
| Rated              |                     | 800 V                   | 600 V      | 300 v     |
| Impulse withstand  |                     | 8 kV                    |            |           |
| Pollution degree   |                     | 3                       |            |           |
| Current            |                     |                         |            |           |
| Rated              |                     | 32 A                    | 20 A       | 25 A      |
| Wire size          |                     |                         |            |           |
| Rated/gauge        |                     |                         | 12 AWG     | 12 AWG    |
| Wire strip. length | Recomm. screwdriver | Recomm. torque          | Protection |           |
| 9,5 mm             | 4 mm                | 0,5 - 0,8 Nm            | IP 20      |           |
| .37"               | .16"                | 4.4 - 7.1 lb.in         | NEMA 1     |           |

### Notes

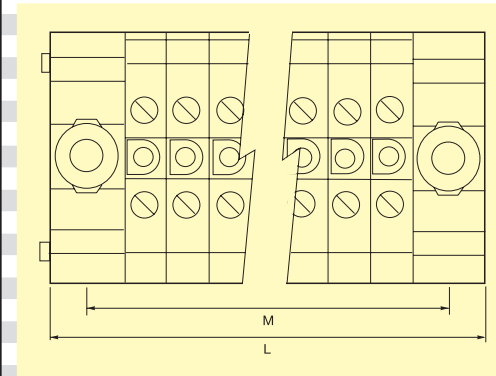
### Accessories



- 1 Mounting end stop grey/black (see assembly drawing above)
- 2 Test socket
- 3 Test plug
- 4 Jumper bar
- Jumper post
- Jumper screw
- 5 Shield connector
- 6 Circuit separator

| Type   | Part number |                    |  |
|--------|-------------|--------------------|--|
| ACPS-5 | th. 7 mm    | 1SNA 117 263 R2400 |  |
| AL2    | DIA. 2 mm   | 1SNA 164 950 R0000 |  |
| FC2    | DIA. 2 mm   | 1SNA 007 865 R2600 |  |
| BJS5   | 20 poles    | 1SNA 177 652 R0600 |  |
|        |             | 1SNA 164 463 R2400 |  |
|        |             | 1SNA 163 071 R2500 |  |

| Type    | Part number |                    |  |
|---------|-------------|--------------------|--|
| BAMB T1 | th. 10 mm   | 1SNA 116 593 R0700 |  |
| BAMB T1 | th. 10 mm   | 1SNA 105 593 R1500 |  |
| AL2     | DIA. 2 mm   | 1SNA 164 654 R0300 |  |
| FC2     | DIA. 2 mm   | 1SNA 007 865 R2600 |  |
| BJS62   | 2 poles     | 1SNA 164 573 R2200 |  |
| BJS62   | 3 poles     | 1SNA 164 574 R2300 |  |
| BJS62   | 4 poles     | 1SNA 164 575 R2400 |  |
| BJS62   | 5 poles     | 1SNA 164 736 R2500 |  |
| BJM6    | 20 poles    | 1SNA 174 784 R2000 |  |
|         |             | 1SNA 167 520 R2400 |  |
|         |             | 1SNA 163 597 R1200 |  |
| CB      |             | 1SNA 163 075 R2100 |  |
| SCM6    |             | 1SNA 113 003 R1000 |  |



| Nb of blocks per assembly | Distance M (mm) |      | Overall length L (mm) |      |
|---------------------------|-----------------|------|-----------------------|------|
|                           | 5 mm            | 6 mm | 5 mm                  | 6 mm |
| 2                         | 17              | 22   | 24                    | 32   |
| 3                         | 22              | 28   | 29                    | 38   |
| 4                         | 27              | 34   | 34                    | 44   |
| 5                         | 32              | 40   | 39                    | 50   |
| 6                         | 37              | 46   | 44                    | 56   |
| 7                         | 42              | 52   | 49                    | 62   |
| 8                         | 47              | 58   | 54                    | 68   |
| 9                         | 52              | 64   | 59                    | 74   |
| 10                        | 57              | 70   | 64                    | 80   |
| 11                        | 62              | 76   | 69                    | 86   |
| 12                        | 67              | 82   | 74                    | 92   |

12 blocks max. between 2 end stops

**R** See section on markers  
Marking method

|      |       |
|------|-------|
| RC55 | RC610 |
|------|-------|



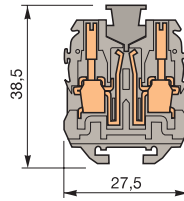
### Switch miniblocks

EN 50045 (DIN 46277 /2) rail (1)  
and NFC 93461 type 1  
Screw clamp - Screw clamp  
┌ DIN 2



### DR 2,5/5.S...

Spacing 5,08 mm (.200")



| Color                                                              | Type                                 | Part number        | Color | Type | Part number |
|--------------------------------------------------------------------|--------------------------------------|--------------------|-------|------|-------------|
| Grey                                                               | <input type="checkbox"/> DR 2,5/5.S  | 1SNA 112 097 R0500 |       |      |             |
| 1 switch connection by plug                                        |                                      |                    |       |      |             |
| Grey                                                               | <input type="checkbox"/> DR 2,5/5.S1 | 1SNA 112 098 R1600 |       |      |             |
| DR 2,5/5.S equipped with 2 test socket-screws<br>DIA. 2 mm - .079" |                                      |                    |       |      |             |

| Characteristics |          |                         |    | Characteristics |       |                |    |     |
|-----------------|----------|-------------------------|----|-----------------|-------|----------------|----|-----|
| Wire size       |          |                         |    | Wire size       |       |                |    |     |
|                 |          | IEC<br>NFC DIN          | UL | CSA             |       | IEC<br>NFC DIN | UL | CSA |
| Screw           | Rigid    | 0,5-4 mm <sup>2</sup>   |    |                 | Screw | Rigid          |    |     |
|                 | Flexible | 0,5-2,5 mm <sup>2</sup> |    |                 |       | Flexible       |    |     |
|                 | Rigid    |                         |    |                 |       | Rigid          |    |     |
|                 | Flexible |                         |    |                 |       | Flexible       |    |     |

| Voltage           |  |            |  | Voltage |                   |  |  |
|-------------------|--|------------|--|---------|-------------------|--|--|
| Rated             |  | 380 V Gr.C |  |         | Rated             |  |  |
| Impulse withstand |  |            |  |         | Impulse withstand |  |  |
| Pollution degree  |  |            |  |         | Pollution degree  |  |  |

| Current |  |     |  | Current |       |  |  |
|---------|--|-----|--|---------|-------|--|--|
| Rated   |  | 3 A |  |         | Rated |  |  |

| Wire size          |                     |                |            | Wire size          |                     |                |            |
|--------------------|---------------------|----------------|------------|--------------------|---------------------|----------------|------------|
| Rated / Gauge      | 2,5 mm <sup>2</sup> |                |            | Rated/gauge        |                     |                |            |
| Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection | Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection |
| 8,5 mm             | 3,5 mm              | 0,4-0,6 Nm     | IP 20      |                    |                     |                |            |
| .335"              | .138"               | 3.5-5.3 lb.in  | NEMA 1     |                    |                     |                |            |

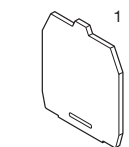
|          |              |       |    |                    |
|----------|--------------|-------|----|--------------------|
| End stop | ┌ th. 6,5 mm | BADRL | V0 | 1SNA 199 420 R2100 |
| Rail     | ┌ 15 x 5 x 1 | PR2   |    | 1SNA 164 600 R1200 |

Other end stops, rails and accessories : see section on accessories.

### Notes

Some accessories can decrease the block's voltage rating.  
Consult us for information.

### Accessories



- 1 End section grey
- 2 Test plug
- 3 Shielding connector

| Type    | Part number                  | Type | Part number |
|---------|------------------------------|------|-------------|
| FEDR51  | th. 1 mm 1SNA 117 668 R0200  |      |             |
| FC2 (2) | DIA. 2 mm 1SNA 007 865 R2600 |      |             |
| CBD5    | 1SNA 167 674 R0200           |      |             |

R

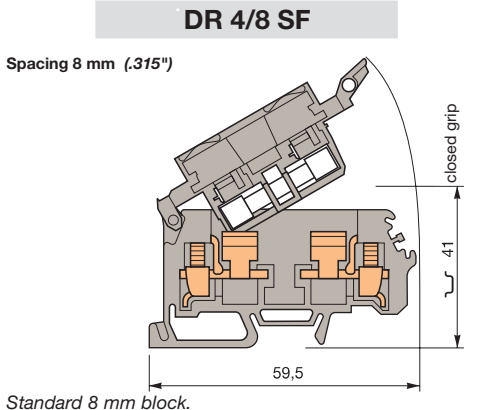


R See section on markers  
Marking method

RC55 Block side

(1) For DR 2,2/5.S1 block only.

**Fuse-holder  
Terminal blocks**  
for 5 x 20 mm and 5 x 25 mm fuses  
**EN 50045 (DIN 46277 /2) rail**  
**Compression clamp - Compression clamp**  
DIN 2



| Color | Type                               | Part number        |  |
|-------|------------------------------------|--------------------|--|
| Grey  | <input type="checkbox"/> DR 4/8 SF | 1SNA 110 368 R1200 |  |

| Characteristics |          |                       |           |
|-----------------|----------|-----------------------|-----------|
| Wire size       |          | IEC                   |           |
|                 |          | NFC                   | DIN       |
| Screw           | Rigid    | 0,5-4 mm <sup>2</sup> | 18-12 AWG |
|                 | Flexible | 0,5-4 mm <sup>2</sup> | 18-12 AWG |
|                 | Rigid    |                       |           |
|                 | Flexible |                       |           |

| Voltage           |           |  |       |
|-------------------|-----------|--|-------|
| Rated             | 630 V (1) |  | 300 V |
| Impulse withstand | 8 kV      |  |       |
| Pollution degree  | 3         |  |       |

| Current       |                        |  |        |
|---------------|------------------------|--|--------|
| Rated         | 6,3 A                  |  | 6,3 A  |
| Wire size     |                        |  |        |
| Rated / Gauge | 4 mm <sup>2</sup> / A4 |  | 12 AWG |

| Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection |
|--------------------|---------------------|----------------|------------|
| 9,5 mm             | 4 mm                | 0,5-0,8 Nm     | IP 20      |
| .37"               | .157"               | 4.4-7.1 lb.in  | NEMA 1 (2) |

| Characteristics |          |     |     |
|-----------------|----------|-----|-----|
| Wire size       |          | IEC |     |
|                 |          | NFC | DIN |
| Screw           | Rigid    |     |     |
|                 | Flexible |     |     |
|                 | Rigid    |     |     |
|                 | Flexible |     |     |

| Voltage           |  |  |  |
|-------------------|--|--|--|
| Rated             |  |  |  |
| Impulse withstand |  |  |  |
| Pollution degree  |  |  |  |

| Current     |  |  |  |
|-------------|--|--|--|
| Rated       |  |  |  |
| Wire size   |  |  |  |
| Rated/gauge |  |  |  |

| Wire strip. length | Recomm. screwdriver | Recomm. torque | Protection |
|--------------------|---------------------|----------------|------------|
|                    |                     |                |            |
|                    |                     |                |            |

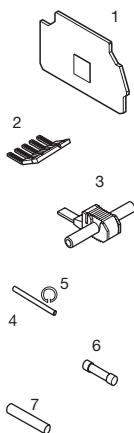
|          |            |       |    |                    |
|----------|------------|-------|----|--------------------|
| End stop | th. 6,5 mm | BADRL | V0 | 1SNA 199 420 R2100 |
| Rail     | 15 x 5 x 1 | PR2   |    | 1SNA 164 600 R1200 |

Other end stops, rails and accessories : see section on accessories.

**Notes**

Some accessories can decrease the block's voltage rating.  
This block will be equipped with fusion indicator (24, 48, 115, 230, and 400 V rating).  
Consult us for information.

**Accessories**



| Type                 | Part number          |                    |                    |
|----------------------|----------------------|--------------------|--------------------|
| FEM8S                | th. 1,5 mm           | 1SNA 116 951 R1500 |                    |
| PC81                 | 35 A                 | 1SNA 173 523 R1100 |                    |
| AD 2,5               |                      | 1SNA 114 205 R2000 |                    |
| TGA8                 | 2 poles              | 1SNA 168 672 R1100 |                    |
| TGA8                 | 3 poles              | 1SNA 168 673 R1200 |                    |
| TGA8                 | 4 poles              | 1SNA 168 674 R1300 |                    |
| ANT                  |                      | 1SNA 168 675 R1400 |                    |
| 5 x 20 fuses - 250 V | FU520                | 0,5 A              | 1SNA 008 288 R1500 |
|                      | FU520                | 1 A                | 1SNA 008 290 R1300 |
|                      | FU520                | 2 A                | 1SNA 008 291 R0000 |
|                      | FU520                | 3,15 A             | 1SNA 008 289 R1600 |
|                      | FU520                | 5 A                | 1SNA 008 292 R0100 |
|                      | 5 x 25 fuses - 250 V | FU525              | 0,5 A              |
| FU525                |                      | 2 A                | 1SNA 167 547 R2300 |
| FU525                |                      | 2,5 A              | 1SNA 167 548 R0400 |
| FU525                |                      | 4 A                | 1SNA 167 549 R0500 |
| FU525                |                      | 6,3 A              | 1SNA 167 550 R0200 |
| CN5                  |                      |                    | 1SNA 179 371 R1600 |



R See section on markers  
Marking method

RC610 on top RC810 block side

(1) Terminal block insulation voltage. Working voltage according to fuse.  
(2) Available for fuse terminal block.

Notes



## Miniblocks

for EN 50045 rail

(DIN 46277 /2 )

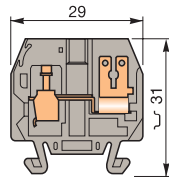
Screw clamp - quick-connect

~ DIN 2



## DR 4/6.G

Spacing 6 mm +0,05 (.238")



## Miniblocks

for EN 50045 rail

(DIN 46277 /2 )

Quick-connect - quick-connect

~ DIN 2



| Color | Type     | Part number        |
|-------|----------|--------------------|
| Grey  | DR 4/6.G | 1SNA 110 434 R1500 |

Tag for 6.3 x 0.8 series 250 or 2.8 x 0.8 series 110 quick-connect tabs with vertical output.

### Characteristics

| Wire size     | IEC                                   |                        | UL | CSA       |
|---------------|---------------------------------------|------------------------|----|-----------|
|               | NFC                                   | DIN                    |    |           |
| Screw         | Rigid                                 | 0,2-4 mm <sup>2</sup>  |    | 28-12 AWG |
|               | Flexible                              | 0,22-4 mm <sup>2</sup> |    | 28-12 AWG |
| Quick-connect | 2,8 x 0,8 : 1,5 mm <sup>2</sup> maxi. |                        |    |           |
|               | 6,3 x 0,8 : 2,5 mm <sup>2</sup> maxi. |                        |    |           |

| Voltage           |            |  |               |
|-------------------|------------|--|---------------|
| Rated             | 380 V Gr.C |  | 300 V / 150 V |
| Impulse withstand |            |  |               |
| Pollution degree  |            |  |               |

| Current |      |  |             |
|---------|------|--|-------------|
| Rated   | 20 A |  | 10 A / 25 A |

| Wire size          |                     |                             |            |
|--------------------|---------------------|-----------------------------|------------|
| Rated / Gauge      | 2,5 mm <sup>2</sup> |                             | 12 AWG     |
| Wire strip. length | Recomm. screwdriver | Recommended torque          | Protection |
| 9,5 mm<br>.374"    | 4 mm<br>.157"       | 0,5-0,8 Nm<br>4.4-7.1 ib.in |            |

End stop ~ th. 6,5 mm **BADRL** VO 1SNA 199 420 R2100  
 Rail ~ 15 x 5 x 1 **PR2** 1SNA 164 600 R1200  
 Other end stops, rails and accessories : see section on accessories.

End stop ~ th. 6,5 mm **BADRL** VO 1SNA 199 420 R2100  
 Rail ~ 15 x 5 x 1 **PR2** 1SNA 164 600 R1200  
 Other end stops, rails and accessories : see section on accessories.

### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Notes

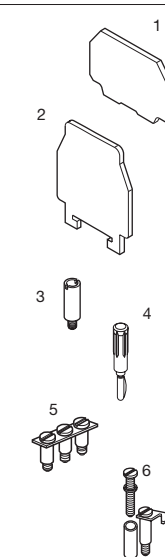
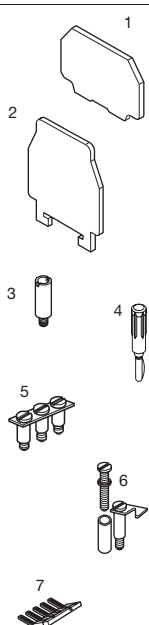
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

### Accessories

| Type                                              | Part number                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 End section grey                                | FEDR61 th. 1 mm 1SNA 117 600 R0300                                                                                                                                                                                                                                                                                                                                                                                 |
| 2 Separator colourless                            | SCDR61 th. 0,3 mm 1SNA 173 016 R1000                                                                                                                                                                                                                                                                                                                                                                               |
| 3 Test socket                                     | AL2 DIA. 2 mm 1SNA 167 319 R0600                                                                                                                                                                                                                                                                                                                                                                                   |
| 4 Test plug                                       | FC2 (2) DIA. 2 mm 1SNA 007 865 R2600                                                                                                                                                                                                                                                                                                                                                                               |
| 5 Assembled jumper bar (without IP 20 protection) | BJM62 (1) 32 A 2 poles 1SNA 173 217 R2600<br>BJM62 (1) 32 A 3 poles 1SNA 173 218 R0700<br>BJM62 (1) 32 A 4 poles 1SNA 173 219 R0000<br>BJM62 (1) 32 A 5 poles 1SNA 173 221 R2200<br>BJM62 (1) 32 A 6 poles 1SNA 174 112 R1600<br>BJM62 (1) 32 A 7 poles 1SNA 174 113 R1700<br>BJM62 (1) 32 A 8 poles 1SNA 174 114 R1000<br>BJM62 (1) 32 A 9 poles 1SNA 174 115 R1100<br>BJM62 (1) 32 A 10 poles 1SNA 173 226 R2700 |
| 6 Pivoting jumper bar                             | BJPD6 1SNA 173 223 R2400                                                                                                                                                                                                                                                                                                                                                                                           |
| 7 Comb type jumper bar                            | PC61 35 A 10 poles 1SNA 163 311 R2200                                                                                                                                                                                                                                                                                                                                                                              |

### Accessories

|                        |  |
|------------------------|--|
| 1 End section grey     |  |
| 2 Separator colourless |  |
| 3 Test socket          |  |
| 4 Test plug            |  |
| 5 Assembled jumper bar |  |
| 6 Pivoting jumper bar  |  |



R

See section on markers marking method

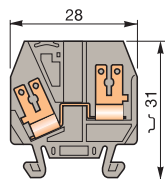
R

See section on markers marking method

RC65 Screw side  
 Notes: (1) Use of these accessories requires the user to cut out the partition.  
 (2) For terminal blocks with test socket.

**DR 4/6.GG**

Spacing 6 mm + 0,05 (.238")



**Color**      **Type**      **Part number**

Grey            **DR 4/6.GG**      1SNA 110 435 R1600

2 tags for 6,3 x 0,8 series 250 or 2,8 x 0,8 series 110 quick-connect tabs.

**Characteristics**

**Wire size**

| Screw         | Rigid<br>Flexible | IEC                                                                            |     | UL | CSA |
|---------------|-------------------|--------------------------------------------------------------------------------|-----|----|-----|
|               |                   | NFC                                                                            | DIN |    |     |
| Quick-connect |                   | 2,8 x 0,8 : 1,5 mm <sup>2</sup> maxi.<br>6,3 x 0,8 : 2,5 mm <sup>2</sup> maxi. |     |    |     |

**Voltage**

|                   |            |  |  |
|-------------------|------------|--|--|
| Rated             | 380 V Gr.C |  |  |
| Impulse withstand |            |  |  |
| Pollution degree  |            |  |  |

**Current**

|       |      |  |  |
|-------|------|--|--|
| Rated | 20 A |  |  |
|-------|------|--|--|

**Wire size**

| Wire strip. length | Recomm. screwdriver | Recommended torque | Protection |
|--------------------|---------------------|--------------------|------------|
| 9,5 mm<br>.374"    | 4 mm<br>.157"       |                    |            |

**Type**      **Part number**

|           |                  |                    |
|-----------|------------------|--------------------|
| FEDR61    | th. 1,5 mm       | 1SNA 117 600 R0300 |
| SCDR61    | th. 0,3 mm       | 1SNA 173 016 R1000 |
| AL2       | DIA. 2 mm        | 1SNA 167 319 R0600 |
| FC2 (2)   | DIA. 2 mm        | 1SNA 007 865 R2600 |
| BJM62 (1) | 32 A    2 poles  | 1SNA 173 217 R2600 |
| BJM62 (1) | 32 A    3 poles  | 1SNA 173 218 R0700 |
| BJM62 (1) | 32 A    4 poles  | 1SNA 173 219 R0000 |
| BJM62 (1) | 32 A    5 poles  | 1SNA 173 221 R2200 |
| BJM62 (1) | 32 A    6 poles  | 1SNA 174 112 R1600 |
| BJM62 (1) | 32 A    7 poles  | 1SNA 174 113 R1700 |
| BJM62 (1) | 32 A    8 poles  | 1SNA 174 114 R1000 |
| BJM62 (1) | 32 A    9 poles  | 1SNA 174 115 R1100 |
| BJM62 (1) | 32 A    10 poles | 1SNA 173 226 R2700 |
| BJPD6     |                  | 1SNA 173 223 R2400 |

RC65 On top

Notes: (1) Use of these accessories requires the user to cut out the partition.  
(2) For terminal blocks with test socket.

**Miniblocks**

for EN 50045 rail

(DIN 46277 /2)

Screw clamp - soldered

~ DIN 2

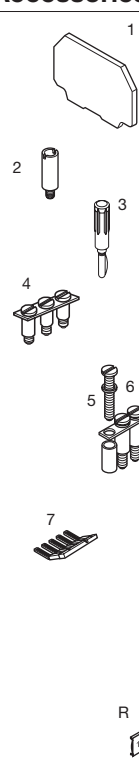


End stop ~ th. 6,5 mm    **BADRL**    VO    1SNA 199 420 R2100  
 Rail ~ 15 x 5 x 1    **PR2**    1SNA 164 600 R1200  
 Other end stops, rails and accessories : see section on accessories.

**Notes**

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**Accessories**



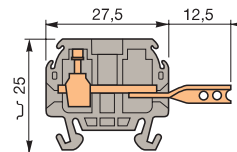
- 1** End section      gris
- 2** Test socket
- 3** Test plug
- 4** Assembled jumper bar (with IP 20 protection)
- 5** Jumper bar not preassembled
- 6** Post + screw for BJ
- 7** Comb type jumper bar
- R** See section on marking method

RC55 On sides

Notes: (1) Use of these accessories requires the user to cut out the partition. (2) For terminal blocks with test socket. (3) Other number of poles: See accessories.

**DR 1,5/5.H**

Spacing 5 mm + 0,08 (.200)



**Color**      **Type**      **Part number**

Grey            **DR 1,5/5.H**      1SNA 112 108 R2500

**Characteristics**

**Wire size**

| Screw    | Rigid<br>Flexible | IEC                                                          |     | UL | CSA |
|----------|-------------------|--------------------------------------------------------------|-----|----|-----|
|          |                   | NFC                                                          | DIN |    |     |
| Soldered | Rigid<br>Flexible | 2 x 0,5 - 1,5 mm <sup>2</sup><br>2 x 0,5 - 1 mm <sup>2</sup> |     |    |     |

**Voltage**

|                   |            |  |  |
|-------------------|------------|--|--|
| Rated             | 250 V Gr.C |  |  |
| Impulse withstand |            |  |  |
| Pollution degree  |            |  |  |

**Current**

|       |      |  |  |
|-------|------|--|--|
| Rated | 20 A |  |  |
|-------|------|--|--|

**Wire size**

| Wire strip. length | Recomm. screwdriver | Recommended torque          | Protection |
|--------------------|---------------------|-----------------------------|------------|
| 8,5 mm<br>.335"    | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 ib.in |            |

**Type**      **Part number**

|             |                  |                    |
|-------------|------------------|--------------------|
| FEDR5       | th. 1 mm         | 1SNA 117 318 R2300 |
| AL2         | DIA. 2 mm        | 1SNA 167 319 R0600 |
| FC2 (2)     | DIA. 2 mm        | 1SNA 007 865 R2600 |
| BJM5 DR (1) | 24 A    2 poles  | 1SNA 176 704 R0200 |
| BJM5 DR (1) | 24 A    3 poles  | 1SNA 176 705 R0300 |
| BJM5 DR (1) | 24 A    4 poles  | 1SNA 176 706 R0400 |
| BJM5 DR (1) | 24 A    5 poles  | 1SNA 176 707 R0500 |
| BJM5 DR (1) | 24 A    10 poles | 1SNA 176 708 R1600 |
| BJS5 (3)    | 20 poles         | 1SNA 177 652 R0600 |
| EVD5        |                  | 1SNA 167 900 R0200 |
| PC51        | 25 A    10 poles | 1SNA 167 908 R0600 |

RC55 On sides

Notes: (1) Use of these accessories requires the user to cut out the partition. (2) For terminal blocks with test socket. (3) Other number of poles: See accessories.

### Miniblocks

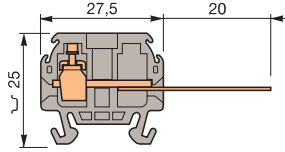
for EN 50045 (DIN 46277/2) rail  
Screw clamp - wire wrapping

┌ DIN 2



### DR 1,5/5.M

Spacing 5 mm +0,05 (.200")



### Switch miniblocks

for EN 50045 (DIN 46277/2) rail (1)  
and NFC 93461 type 1

Screw clamp - soldered

┌ DIN 2



| Color | Type       | Part number        |
|-------|------------|--------------------|
| Grey  | DR 1,5/5.M | 1SNA 112 235 R1300 |

1 wrapping pin 1 x 1 .039" x .039"

#### Characteristics

| Wire size | IEC                                               |                          |  | UL | CSA |
|-----------|---------------------------------------------------|--------------------------|--|----|-----|
|           | NFC                                               | DIN                      |  |    |     |
| Screw     | Rigid                                             | 0,2-2,5 mm <sup>2</sup>  |  |    |     |
|           | Flexible                                          | 0,22-1,5 mm <sup>2</sup> |  |    |     |
| Wrapped   | DIA. conductor 0,4 to 0,51 mm<br>2 or 3 wrappings |                          |  |    |     |

| Voltage            |                     |                             |            |
|--------------------|---------------------|-----------------------------|------------|
| Rated              | 125 V Gr.C          |                             |            |
| Impulse withstand  |                     |                             |            |
| Pollution degree   |                     |                             |            |
| Current            |                     |                             |            |
| Rated              |                     |                             |            |
| Wire size          |                     |                             |            |
| Rated / Gauge      |                     |                             |            |
| Wire strip. length | Recomm. screwdriver | Recommended torque          | Protection |
| 8,5 mm<br>.335"    | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 lb.in |            |

End stop ┌ th. 6,5 mm **BADRL** V0 1SNA 199 420 R2100  
Rail ┌ 15 x 5 x 1 **PR2** 1SNA 164 600 R1200  
Other end stops, rails and accessories : see section on accessories.

End stop ┌ th. 6,5 mm **BADRL** V0 1SNA 199 420 R2100  
Rail ┌ 15 x 5 x 1 **PR2** 1SNA 164 600 R1200  
Other end stops, rails and accessories : see section on accessories.

#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

#### Accessories

#### Type Part number

- 1 End section gris
- 2 Test socket
- 3 Test plug
- 4 Assembled jumper bar (with IP20 protection)
- 5 Jumper bar not preassembled
- 6 Post + screw for BJ
- 7 Comb type jumper bar
- R See section on markers marking method

|              |               |                    |
|--------------|---------------|--------------------|
| FEDR5        | th. 1 mm      | 1SNA 117 318 R2300 |
| AL2          | DIA. 2 mm     | 1SNA 167 319 R0600 |
| FC2 (2)      | DIA. 2 mm     | 1SNA 007 865 R2600 |
| BJMI5 DR (1) | 24 A 2 poles  | 1SNA 176 704 R0200 |
| BJMI5 DR (1) | 24 A 3 poles  | 1SNA 176 705 R0300 |
| BJMI5 DR (1) | 24 A 4 poles  | 1SNA 176 706 R0400 |
| BJMI5 DR (1) | 24 A 5 poles  | 1SNA 176 707 R0500 |
| BJMI5 DR (1) | 24 A 10 poles | 1SNA 176 708 R1600 |
| BJS5 (3)     | 20 poles      | 1SNA 177 652 R0600 |
| EVD5         |               | 1SNA 167 900 R0200 |
| PC51         | 25 A 10 poles | 1SNA 167 908 R0600 |

RC55 On sides

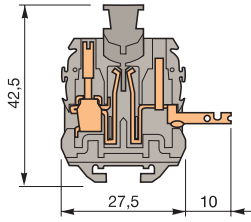
Notes: (1) Use of these accessories requires the user to cut out the partition. (2) For terminal blocks with test socket. (3) Other number of poles: See accessories.

#### Accessories

- 1 End section grey
- 2 Test plug
- 3 Shielding connector
- R See section on markers Marking method

**DR 2,5/5.SH1**

Spacing 6 mm + 0,05 (.238")



| Color | Type                                         | Part number        |
|-------|----------------------------------------------|--------------------|
| Grey  | <input type="checkbox"/> <b>DR 2,5/5.SH1</b> | 1SNA 112 100 R2100 |

1 switch junction per plug - 1 soldered output 3 x 0,8 mm with 2 test sockets DIA. 2 mm

**Characteristics**

**Wire size**

|          |          | IEC                           |     | UL | CSA |
|----------|----------|-------------------------------|-----|----|-----|
|          |          | NFC                           | DIN |    |     |
| Screw    | Rigid    | 0,5-4 mm <sup>2</sup>         |     |    |     |
|          | Flexible | 0,5-2,5 mm <sup>2</sup>       |     |    |     |
| Soldered | Rigid    | 2 x 0,5 - 1,5 mm <sup>2</sup> |     |    |     |
|          | Flexible | 2 x 0,5 - 1 mm <sup>2</sup>   |     |    |     |

**Voltage**

|                   |            |  |  |
|-------------------|------------|--|--|
| Rated             | 250 V Gr.C |  |  |
| Impulse withstand |            |  |  |
| Pollution degree  |            |  |  |

**Current**

|       |     |  |  |
|-------|-----|--|--|
| Rated | 3 A |  |  |
|-------|-----|--|--|

**Wire size**

| Rated / Gauge      |                     | 2,5 mm <sup>2</sup>         |            |
|--------------------|---------------------|-----------------------------|------------|
| Wire strip. length | Recomm. screwdriver | Recommended torque          | Protection |
| 8,5 mm<br>.335"    | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 ib.in |            |

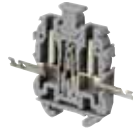
**Type** **Part number**

|         |           |                    |
|---------|-----------|--------------------|
| FEDR51  | th. 1 mm  | 1SNA 117 668 R0200 |
| FC2 (2) | DIA. 2 mm | 1SNA 007 865 R2600 |
| CBD5    |           | 1SNA 167 674 R0200 |

**Switch miniblocks**

for EN 50045 (DIN 46277/2) rail and NFC 93461 type 1 Soldered - soldered

DIN 2



End stop th. 6,5 mm **BADRL** V0 1SNA 199 420 R2100  
 Rail 15 x 5 x 1 **PR2** 1SNA 164 600 R1200  
 Other end stops, rails and accessories : see section on accessories.

**Notes**

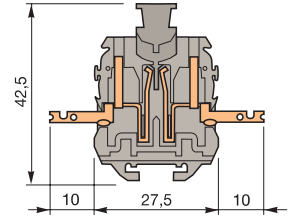
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**Accessories**

- 1** End section grey
  - 2** Test plug
  - 3** Shield connector
- 
- R** See section on markers marking method

**DR 1,5/5.SHH1**

Spacing 5 mm + 0,08 (.200)



| Color | Type                                          | Part number        |
|-------|-----------------------------------------------|--------------------|
| Grey  | <input type="checkbox"/> <b>DR 1,5/5.SHH1</b> | 1SNA 112 102 R1700 |

1 switch junction per plug  
 1 soldered output 3 x 0,8 mm with 2 test socket DIA. 2 mm

**Characteristics**

**Wire size**

|          |          | IEC                           |     | UL | CSA |
|----------|----------|-------------------------------|-----|----|-----|
|          |          | NFC                           | DIN |    |     |
| Screw    | Rigid    | 0,5-4 mm <sup>2</sup>         |     |    |     |
|          | Flexible | 0,5-2,5 mm <sup>2</sup>       |     |    |     |
| Soldered | Rigid    | 2 x 0,5 - 1,5 mm <sup>2</sup> |     |    |     |
|          | Flexible | 2 x 0,5 - 1 mm <sup>2</sup>   |     |    |     |

**Voltage**

|                   |            |  |  |
|-------------------|------------|--|--|
| Rated             | 250 V Gr.C |  |  |
| Impulse withstand |            |  |  |
| Pollution degree  |            |  |  |

**Current**

|       |     |  |  |
|-------|-----|--|--|
| Rated | 3 A |  |  |
|-------|-----|--|--|

**Wire size**

| Rated / Gauge      |                     | 1,5 mm <sup>2</sup>         |            |
|--------------------|---------------------|-----------------------------|------------|
| Wire strip. length | Recomm. screwdriver | Recommended torque          | Protection |
| 8,5 mm<br>.335"    | 3,5 mm<br>.138"     | 0,4-0,6 Nm<br>3.5-5.3 ib.in |            |

**Type** **Part number**

|        |           |                    |
|--------|-----------|--------------------|
| FEDR51 | th. 1 mm  | 1SNA 117 668 R0200 |
| FC2    | DIA. 2 mm | 1SNA 007 865 R2600 |
| CBD5   |           | 1SNA 167 674 R0200 |

RC55 On sides



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