

# 185Power

2500 A





BUSBAR SYSTEM TECHNOLOGY

# 185Power

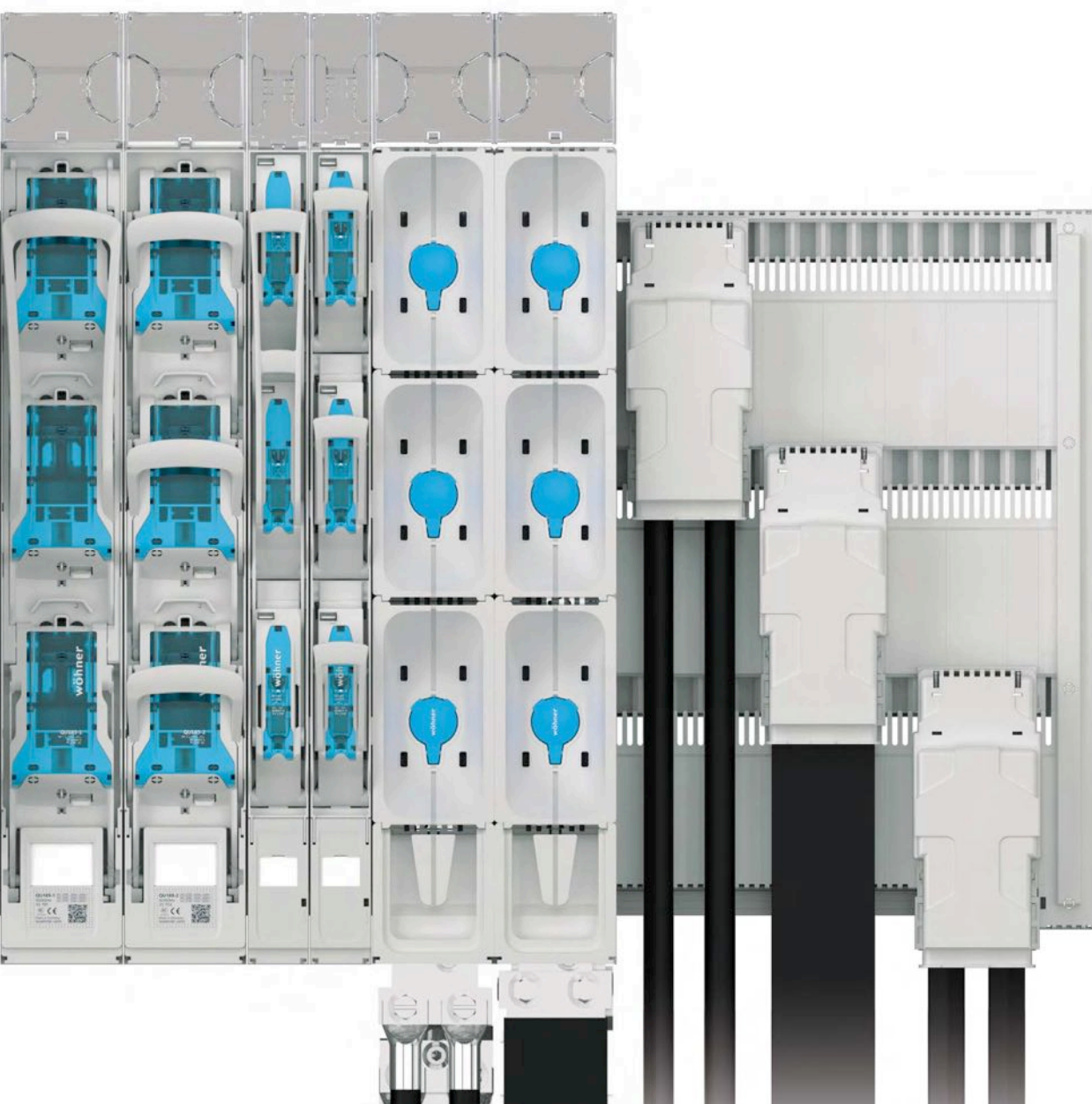




## High-performance system solution with 185 mm busbar spacing

The 185Power busbar system by Wöhner is a modular system for low-voltage distribution with 185 mm spacing of the busbars. All the components (i.e. busbar supports, CrossLink® covers, NH in-line switch disconnectors, switch-disconnectors fitted with NH fuses, busbar adapters for circuit breakers, connection rails and connection modules) fit together perfectly. The switch disconnector with NH fuses is the special highlight. This version, with the “Speed” suffix, allows reliable and operator-independent switching.

Circuit breakers from 400 A to 1600 A can easily be integrated into the system by means of EQUES® adapters. The 185Power allows the user quick and cost-efficient realization of low voltage distribution systems. The modular structure and compatibility of the components among each other contribute to efficient use of space within the cabinet. Systems on the basis of 185Power can easily be expanded or modified.





## Busbar 185Power

30, 40, 60, 80, 100,  
120×10 mm

- Tin-plated versions
- Proven Load current
- Proven short-circuit capacity
- UL listed



## Busbar support

Busbar support for easy and safe installation of systems with 185 mm distance between busbar centres

- Can be aligned with busbars 30, 40, 60, 80, 100, 120×10
- End and centre cover as accessories



## CRITO®185Power Connection rail

The connection rails allow convenient connection of round and flat conductors as well as cable lugs up to 1400 A at just 100 mm wide. Mounting is possible using terminal clamps on the CrossLink® touch-safe protection modules, or by using bolts directly on the busbar.



## QUADRON® 185Power

Coming in sizes 00 to 3, the NH in-line switch disconnectors allow quick, easy and safe mounting.

- Mounting with terminal clamps on CrossLink® touch-safe protection modules or direct bolt mounting
- Integrated current transformer
- Innovative ventilation duct



## CrossLink® 185Power Covering system

In the 185Power system the CrossLink®185Power covering modules, base plate profiles as well as the busbar support cover provide optimum all-around touch-safe protection of the busbar system

- Versions in 50 and 100 mm width
- Reliable connection to each other and to the middle and end cover



## CRITO®185Power Connection modules

These modules are available in three versions: with a box terminal, for cable lugs, or flat copper to 80×10. The connection modules can be aligned according to the position of the incoming conductors. The mounting is possible on the CrossLink® touch-safe protection modules or directly on the busbar.



## QUADRON® 185Power Speed

In-line switch-disconnector with fuses NH in sizes 00 to 3 allow operator-independent switching

- Snap-action switch mechanism with double interruption
- Safer fuse technology
- Faster and safer mounting with terminal clamp and insulated screw extension
- Traditional bolt mounting



## EQUES® 185Power Adapter

The busbar adapter serves the purpose of quickly and easily mounting any commercially available circuit breaker. The busbar mounting is done via screw type terminal or drill-free terminal clamps on the touch-safe protection system.

- 400 to 630 A, 150 mm wide
- 630 to 1600 A, 300 mm wide

# 185Power – busbar system

3-pole systems



## Busbar support and busbar support cover

Article	Type	Pack size	Weight kg/100 u.	PG		Part No.
universal busbar support	for undrilled flat bars 30, 40, 60, 80, 100, 120 x 10	4	50.0	06		01430
end cover for busbar support 01430	set for one left and one right busbar support	1	39.0	06		01431
centre cover for busbar support 01430	when using the busbar support as a centre support	2	17.0	06		01432

Additional busbar supports for drilled busbars and section busbars can be found at [www.woehner.com](http://www.woehner.com)

## Copper Busbar, tin-plated, length 2.40 m

Article	Cross-section mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG		Part No.
busbar 30 x 10	300	1	643.2	06		01625
busbar 40 x 10	400	1	856.8	06		01626
busbar 60 x 10	600	1	1294.0	06		01628
busbar 80 x 10	800	1	1728.0	06		01765
busbar 100 x 10	1000	1	2174.0	06		01766
busbar 120 x 10	1200	1	2572.8	06		01767

Partial lengths on request

## CrossLink®185Power, system cover at front

Article	Type	Pack size	Weight kg/100 u.	PG		Part No.
CrossLink® touch-safe protection cover module	50 mm wide	8	16.0	06		01433
CrossLink® touch-safe protection cover module	100 mm wide	4	34.0	06		01434
front cover IP40	for CrossLink® covers	3	3.0	06		01435
completion section	499 mm long	2	5.6	06		01440
completion section	649 mm long	2	7.6	06		01444

The lengths of the completion sections are matched to the lengths of the rear system shrouding; completion section, length 499 mm, suitable for 01420; completion section, length 649 mm, suitable for 01436

## CrossLink®185Power, system cover at rear

system shrouding, rear	* set for busbar support distance 550 mm (centre to centre)	1	91.3	06		01420
system shrouding, rear	* set for busbar support distance 700 mm (centre to centre)	1	110.0	06		01436
spacer	** set, suitable for 01430	1	13.1	06		01421

\* Eight distance pieces are included with the system partitioning

\*\* Set consisting of 4 distance pieces, as an accessory when using a centre bar with system partitioning

## Busbar connecting terminal, for same-size busbar

longitudinal busbar connector	* 40 mm	3	48.0	07		01480
longitudinal busbar connector	* 60 mm	3	72.0	07		01481
touch-safe protection shroud for longitudinal connectors	3-pole, front and rear mounting, cover width 100 mm	1	29.5	07		01482
touch-safe protection shroud for longitudinal connectors	3-pole, front and rear mounting, cover width 150 mm	1	45.0	07		01416

\* Two longitudinal Busbar connecting terminal 01480 are required for the connection of 80 x 10 mm bars; One longitudinal Busbar connecting terminal 01480 and 01481 each is required for the connection of 100 x 10 mm bars; Two longitudinal Busbar connecting terminal 01481 are required for the connection of 120 x 10 mm bars

System mounting instruction: [www.woehner.de/en/products/01430.html](http://www.woehner.de/en/products/01430.html)



# CRITO®185Power – connection technology

1-pole and 3-pole



## Connection rail, 3-pole, screw connection for drilled busbars

Article	Type	Rated current	Width	Pack size	Weight kg/100 u.	PG		Part No.
3-pole	* screw M12	800 A	100	1	484.0	07		<b>01438</b>
3-pole	** for 3 cable lugs 300mm <sup>2</sup> (offset arrangement), for 4 cable lugs 240 mm <sup>2</sup> or flex. copper 80x10	1400 A	100	1	1050.0	07		<b>01439</b>

Terminal clamps for drill-free mounting with CrossLink® – touch-safe protection cover, see accessories

\* Transformer, can be integrated into connection rail, see 4.12

\*\* Current carrying capacity 1400 A with screw connection, 1200 A with terminal clamp connection, see product description at [www.woehner.com](http://www.woehner.com)



## Accessory for clamp connection, for drill-free mounting on the busbar system

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
terminal clamp for QUADRON®185Power	for busbar systems with CrossLink® touch-safe protection	1-3	3	15.0	12		<b>33738</b>
terminal clamp for QUADRON®185Power	for busbar systems without system covers	1-3	3	10.0	12		<b>33740</b>



## Current transformer module, for connection rails

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
universal current transformer module	for mounting in the connection compartment	1-3	1	170.0	18		<b>33762</b>

Can only be used with connection rail 01438; for matching transformers see 4.16

## Connection module, 1-pole, clamp connection for drill-free mounting on undrilled busbars

connection module	for direct cable connection	1	133.0	07		<b>01441</b>
connection module	for flex. copper min. 1 / 2x 50 x 10 mm for flex. copper max. 1 / 2x 80 x 10 mm central position	1	94.5	07		<b>01442</b>
connection module	for 4 cable lugs M12	1	165.0	07		<b>01443</b>

## Accessory, cover for Connection module

cover cap incl. rear touch protection cover	1	28.0	07		<b>01437</b>
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All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10





# EQUES®185Power – busbar adapter 630 A

Universal version



**Busbar adapter, 630 A, clamp connection** for drill-free mounting on the busbar system, with and without **CrossLink®185Power** touch-safe protection module

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
connection at top, CrossLink® clamp connection	*	1	590.0	05		32741
connection at bottom, CrossLink® clamp connection	*	1	700.0	05		32745

\* For rated currents see product description at [www.woehner.com](http://www.woehner.com)

**Busbar adapter, 630 A, clamp connection** for drill-free mounting on the busbar system, flat installation situation

connection at top, flat clamp connection	*	1	640.0	05		32742
connection at bottom, flat clamp connection	*	1	700.0	05		32746

When installing the adapter incl. circuit breaker, the same installation depth (150 mm supporting edge) is possible as with NH in-line fuse switch disconnectors

\* For rated currents see product description at [www.woehner.com](http://www.woehner.com)

**Busbar adapter, 630 A, screw connection** for drilled busbars

connection at top / bottom, screw connection	*	1	620.0	05		32743
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\* For rated currents see product description at [www.woehner.com](http://www.woehner.com)

**Accessory, current transformer, accuracy class 1**

Article	Rated apparent power	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 300 A / 5 A	2.50 VA	1	20.9	05		32988
current transformer 400 A / 5 A	2.50 VA	1	21.0	05		32989
current transformer 600 A / 5 A	1.25 VA	1	19.0	05		32990

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)



# EQUES®185Power – busbar adapter 1600 A

aligned to switchgear



**Busbar adapter 1600 A, connection to the system at the top**, clamp connection for drill-free mounting on the busbar system, with and without **CrossLink®185Power** touch-safe protection module

## ABB

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
for ABB Tmax T7/T6 800 A or T7/T6 630 A	800 A	1	2120.0	05		32767
for ABB Tmax T7 1000 A	1000 A	1	2100.0	05		32766
for ABB Tmax T7 1250 A	1250 A	1	3010.0	05		32765
for ABB Tmax T7, Emax2 1600 A	1320 A	1	3150.0	05		32807

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Eaton

for Eaton NZM4 1000 A, 800 A, 630 A	1000 A	1	2300.0	05		32763
for Eaton NZM4 1250 A	1250 A	1	2900.0	05		32762
for Siemens 3VL8 1600 A, Eaton NZM4 1600 A	1440 A	1	3060.0	05		32761

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Schneider Electric

for Schneider Electric NS1000, NS800 or NS630B	1000 A	1	2620.0	05		32758
for Schneider Electric NS1250	1250 A	1	3000.0	05		32757
for Schneider Electric NS1600	1450 A	1	3100.0	05		32756

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Siemens

for Siemens 3VL5 630 A	630 A	1	2100.0	05		32769
for Siemens 3VL6 800 A or 630 A	720 A	1	1950.0	05		32754
for Siemens 3VL7 1000 A	1000 A	1	2200.0	05		32755
for Siemens 3VL7 1250 A	1150 A	1	2850.0	05		32753
for Siemens 3VL8 1600 A, Eaton NZM4 1600 A	1440 A	1	3060.0	05		32761

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Socomec

for Socomec Sirco 1250 A or 1600 A	1550 A	1	3350.0	05		32752
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For rated currents see product description at [www.woehner.com](http://www.woehner.com)

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)



# EQUES®185Power – busbar adapter 1600 A

aligned to switchgear



**Busbar adapter 1600 A, connection to the system at the bottom**, clamp connection for drill-free mounting on the busbar system, with and without **CrossLink®185Power** touch-safe protection module

## ABB

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
for ABB Tmax T7/T6 800 A or T7/T6 630 A	800 A	1	2300.0	05		32730
for ABB Tmax T7 1000 A	1000 A	1	2300.0	05		32729
for ABB Tmax T7 1250 A	1220 A	1	3028.0	05		32726
for ABB Tmax T7, Emax2 1600 A	1320 A	1	3100.0	05		32797

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Eaton

for Eaton NZM4 1000 A, 800 A or 630 A	1000 A	1	2400.0	05		32733
for Eaton NZM4 1250 A	1200 A	1	3180.0	05		32732
for Siemens 3VL8 1600 A or Eaton NZM4 1600 A	1400 A	1	2800.0	05		32731

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Schneider Electric

for Schneider Electric NS1000, NS800 or NS630B	900 A	1	2400.0	05		32747
for Schneider Electric NS1250	1200 A	1	3200.0	05		32737
for Schneider Electric NS1600	1400 A	1	3350.0	05		32734

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Siemens

for Siemens 3VL5 630A	630 A	1	2150.0	05		32796
for Siemens 3VL6 800 A or 630 A	650 A	1	2350.0	05		32795
for Siemens 3VL7 1000 A	1000 A	1	2200.0	05		32783
for Siemens 3VL7 1250 A	1150 A	1	3100.0	05		32771
for Siemens 3VL8 1600 A or Eaton NZM4 1600 A	1400 A	1	2800.0	05		32731

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Socomec

for Socomec Sirco 1250 A or 1600 A	1500 A	1	3350.0	05		32764
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For rated currents see product description at [www.woehner.com](http://www.woehner.com)

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)



# EQUES®185Power – busbar adapter 1600 A

aligned to switchgear



**Busbar adapter 1600 A, connection to the system at the bottom, phase rotation, clamp connection for drill-free mounting on the busbar system, with and without CrossLink®185Power touch-safe protection module**

## ABB

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
for ABB Tmax T7 1250 A	1220 A	1	3000.0	05		32723
for ABB Tmax T7, Emax2 1600 A	1320 A	1	3230.0	05		32722

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Eaton

for Eaton NZM4 1250 A	1200 A	1	3200.0	05		32788
for Eaton NZM4 1600 A	1400 A	1	3300.0	05		32787

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Schneider Electric

for Schneider Electric NS 1250	1200 A	1	3000.0	05		32719
for Schneider Electric NS 1600	1400 A	1	3230.0	05		32718

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Siemens

for Siemens 3VL7 1250 A	1150 A	1	3222.0	05		32739
for Siemens 3VL8 1600 A	1320 A	1	3432.0	05		32738

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)



# EQUES®185Power – busbar adapter 1600 A

aligned to switchgear



**Busbar adapter 1600 A, connection to the system at the top and bottom, screw connection** for drilled busbars

## ABB

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
for ABB Tmax T7/T6 800 A or T7/T6 630 A	800 A	1	2150.0	05		32786
for ABB Tmax T7 1000 A	1000 A	1	2620.0	05		32785
for ABB Tmax T7 1250 A	1220 A	1	2800.0	05		32784
for ABB Tmax T7, Emax2 1600 A	1320 A	1	2950.0	05		32808

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Eaton

for Eaton NZM4 1000 A, 800 A, 630 A	1000 A	1	2200.0	05		32779
for Eaton NZM4 1250 A	1200 A	1	2600.0	05		32781
for Siemens 3VL8 1600 A, Eaton NZM4 1600 A	1400 A	1	2950.0	05		32780

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Legrand

for Legrand DPX <sup>3</sup> 1600 or GE FK1600	*	1440 A	1	2950.0	05	32809
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For rated currents see product description at [www.woehner.com](http://www.woehner.com)

\* Only connection to system at the top possible

## Schneider Electric

for Schneider Electric NS1000, NS800 or NS630B	900 A	1	2200.0	05		32777
for Schneider Electric NS1250	1200 A	1	2900.0	05		32776
for Schneider Electric NS1600	1400 A	1	3010.0	05		32775

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

## Siemens

for Siemens 3VL5 630 A	630 A	1	2000.0	05		32770
for Siemens 3VL6 800 A or 630 A	650 A	1	2080.0	05		32774
for Siemens 3VL7 1000 A	1000 A	1	2800.0	05		32773
for Siemens 3VL7 1250 A	1150 A	1	2800.0	05		32772
for Siemens 3VL8 1600 A, Eaton NZM4 1600 A	1400 A	1	2950.0	05		32780

For rated currents see product description at [www.woehner.com](http://www.woehner.com)

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)





# EQUES®185Power – busbar adapter 1600 A

aligned to switchgear



**Busbar adapter, 1600 A, connection to the system at bottom, phase rotation, screw connection** for drilled busbars

## ABB

Type	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
for ABB Tmax T7 1250 A	1220 A	1	2900.0	05		32725
for ABB Tmax T7, Emax2 1600 A	1320 A	1	3140.0	05		32724

For rated currents see product description at [www.woehner.com](http://www.woehner.com); adapters with phase rotation can also be used with connection to the system at the top

## Eaton

for Eaton NZM4 1250 A	1200 A	1	3000.0	05		32790
for Eaton NZM4 1600 A	1400 A	1	3150.0	05		32789

For rated currents see product description at [www.woehner.com](http://www.woehner.com); adapters with phase rotation can also be used with connection to the system at the top

## Schneider Electric

for Schneider Electric NS 1250	1200 A	1	2900.0	05		32721
for Schneider Electric NS 1600	1400 A	1	3140.0	05		32720

For rated currents see product description at [www.woehner.com](http://www.woehner.com); adapters with phase rotation can also be used with connection to the system at the top

## Siemens

for Siemens 3VL7 1250 A	1150 A	1	3172.0	05		32749
for Siemens 3VL8 1600 A	1320 A	1	3382.0	05		32748

For rated currents see product description at [www.woehner.com](http://www.woehner.com); adapters with phase rotation can also be used with connection to the system at the top

## Accessories, cover IP20

Article	Type	Pack size	Weight kg/100 u.	PG		Part No.
IP20 Protection cover (front) for adapter, incl. 3 top covers	for ABB Tmax T6/T7	1	125.6	05		32700
	for Eaton NZM4, Legrand DPX <sup>3</sup> 1600, GE FK1600	1	123.8	05		32701
	for Schneider Electric NS1600 – NS630B	1	122.8	05		32702
IP20 Protection cover (front) for adapter, incl. 3 top covers	for Siemens 3VL7 1000 A / 1250 A, 3VL8 1600 A	1	123.0	05		32703
	for Siemens 3VL5 630 A and 3VL6 800 A / 630 A	1	128.0	05		32706
touch-safe protection shroud IP20 (rear installation)	for all adapters	1	9.0	05		32704

## Accessory, current transformer, accuracy class 1

Type	Rated apparent power	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 630 A / 5 A	5.00 VA	1	14.0	05		32983
current transformer 800 A / 5 A	5.00 VA	1	14.0	05		32984
current transformer 1000 A / 5 A	5.00 VA	1	14.0	05		32985
current transformer 1250 A / 5 A	5.00 VA	1	14.0	05		32986
current transformer 1600 A / 5 A	5.00 VA	1	14.0	05		32987

Depending on the adapter type, 1 or 2 current transformers can be used per phase. See adapter product description at [www.woehner.com](http://www.woehner.com)All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10  
For further information on current carrying capacity, see product specifications at [www.woehner.com](http://www.woehner.com)

# QUADRON®185Power – NH in-line fuse switch disconnecter, size 00

3-pole, 1-pole switchable and open version



## NH in-line fuse disconnecter, size 00, 3-pole switchable, screw connection

for drilled busbars, connection at bottom / top

Type	Size	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
screw M8, high version *	NH 00	160 A	1	261.5	12		<b>33700</b>
box terminal 70 mm <sup>2</sup> , high version *	NH 00	160 A	1	261.8	12		<b>33770</b>
screw M8, flat version	NH 00	160 A	1	218.2	12		<b>33704</b>
box terminal 70 mm <sup>2</sup> , flat version	NH 00	160 A	1	217.4	12		<b>33773</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection cover, see accessories  
\* Current transformer (can be integrated)

## NH in-line fuse disconnecter, size 00, 3-pole switchable, screw connection

for drilled busbars, connection at bottom / top, with fuse monitoring

screw M8, high version *	NH 00	160 A	1	270.0	12		<b>33720</b>
box terminal 70 mm <sup>2</sup> , high version *	NH 00	160 A	1	270.0	12		<b>33771</b>
screw M8, flat version	NH 00	160 A	1	220.0	12		<b>33724</b>
box terminal 70 mm <sup>2</sup> , flat version	NH 00	160 A	1	220.0	12		<b>33774</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection cover, see accessories  
\* Current transformer (can be integrated)

## NH in-line fuse disconnecter, size 00, 1-pole switchable, screw connection

for drilled busbars, connection at bottom / top

screw M8, high version *	NH 00	160 A	1	255.5	12		<b>33715</b>
box terminal 70 mm <sup>2</sup> , high version *	NH 00	160 A	1	256.3	12		<b>33772</b>
screw M8, flat version	NH 00	160 A	1	211.4	12		<b>33719</b>
box terminal 70 mm <sup>2</sup> , flat version	NH 00	160 A	1	212.0	12		<b>33775</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection cover, see accessories  
\* Current transformer (can be integrated)

## NH fuse base, size 00, open version, screw connection

for drilled busbars, connection at bottom / top

screw M8, flat version	NH 00	160 A	1	190.0	12		<b>33705</b>
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Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection cover, see accessories



## Accessory for clamp connection, for drill-free mounting on the busbar system

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
terminal clamp	for busbar systems with touch-safe protection	00	3	4.0	12		<b>33737</b>
terminal clamp IP20	for busbar systems with touch-safe protection	00	3	4.4	12		<b>33765</b>
terminal clamp	for busbar systems without system covers	00	3	14.0	12		<b>33739</b>

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10

**QUADRON®185Power – accessories, size 00**

3-pole, 1-pole switchable and open version

**Accessories**

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
clamp connector	* for Cu 16 - 70 mm <sup>2</sup>	00	3	1.5	09		<b>33755</b>
wedge clamp terminal	* for Cu and Al 10 - 95 mm <sup>2</sup>	00	3	3.0	09		<b>33734</b>
terminal compartment cover	for 33700, 33770, 33720, 33771, 33715, 33772 and QUADRON®185Power Speed size 00	00	1	18.2	12		<b>33732</b>
terminal compartment cover, flat version, connection bottom	for 33704, 33773, 33724, 33774, 33719, 33775, 33705	00	1	13.4	12		<b>33725</b>
terminal compartment cover, high version, connection top	for 33700, 33770, 33720, 33771, 33715, 33772	00	1	13.4	12		<b>33726</b>
terminal compartment cover, flat version, connection top	for 33704, 33773, 33724, 33774, 33719, 33775	00	1	13.4	12		<b>33727</b>
pilot switch	changeover 250 V AC/5 A, 30 V DC/4 A	000-3	1	1.1	09		<b>33156</b>
lateral bearing strip	for front covers	00-3	2	10.7	12		<b>33758</b>
lateral cover support	for front covers	00-3	4	0.5	12		<b>33113</b>
grip lug cover	** for NH base and 33705	00	30	1.2	10		<b>79448</b>
plug support with mounting rail	for CT wiring	00	1	2.8	12		<b>33766</b>
component support with mount. rails	for fuse monitoring and CT wiring	00	1	5.5	12		<b>33767</b>

When using aluminium conductors, observe the maintenance instructions (see 8.2)

\* Can only be used for size 00, connection screws M8

\*\* 1 piece required per fuse

**Current transformer (can be integrated), accuracy class 1**

Type	Rated apparent power	Size	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 80 A / 5 A	2.50 VA	00	1	14.0	12		<b>33741</b>
current transformer 150 A / 5 A	2.50 VA	00	1	14.0	12		<b>33742</b>

**Current transformer (can be integrated), accuracy class 0.5**

current transformer 100 A / 5 A	1.50 VA	00	1	28.0	12		<b>33749</b>
current transformer 150 A / 5 A	2.50 VA	00	1	28.0	12		<b>33751</b>

**Current transformer (can be integrated), accuracy class 0.5; tested in accordance with the conformity procedure**

current transformer 100 A / 5 A, with declar. of conformity	1.50 VA	00	1	28.0	12		<b>33750</b>
current transformer 150 A / 5 A, with declar. of conformity	2.50 VA	00	1	28.0	12		<b>33752</b>

National laws must be observed; in addition to the net price of the transformer, the following cost are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500 A: EUR 37; transformers from 500 A to 1000 A: EUR 54

**Double adapter for NH in-line fuse switch disconnectors, size 00**

for 2 in-lin NH-fuse switch disconnectors size 00		00	1	55.0	12		<b>33728</b>
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**Current transformer for double adapter, accuracy class 1**

current transformer 150 A / 5 A	1.50 VA	00-3	1	14.0	12		<b>33744</b>
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**Current transformer for double adapter, accuracy class 0.5**

current transformer 150 A / 5 A	1.50 VA	00-3	1	28.0	12		<b>33753</b>
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**Current transformer for double adapter, accuracy class 0.5; tested in accordance with the conformity procedure**

current transformer 150 A / 5 A, with declar. of conformity	1.50 VA	00-3	1	28.0	12		<b>33754</b>
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National laws must be observed; in addition to the net price of the transformer, the following cost are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500 A: EUR 37; transformers from 500 A to 1000 A: EUR 54

# QUADRON®185Power – NH in-line fuse switch disconnecter, size 1-3

3-pole, 1-pole switchable and open version



## NH in-line fuse disconnectors, size 1-3, 3-pole switchable, screw connection

for drilled busbars, connection at top / bottom

Type	Size	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
screw M12	NH 1	250 A	1	480.0	12		<b>33701</b>
screw M12	NH 2	400 A	1	480.0	12		<b>33702</b>
screw M12	NH 3	630 A	1	582.3	12		<b>33703</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection modules available under accessories

## NH in-line fuse disconnectors, size 1-3, 3-pole switchable, screw connection

for drilled busbars, connection at top / bottom, with fuse monitoring

screw M12	NH 1	250 A	1	540.0	12		<b>33721</b>
screw M12	NH 2	400 A	1	540.0	12		<b>33722</b>
screw M12	NH 3	630 A	1	640.0	12		<b>33723</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection modules available under accessories

## NH in-line fuse disconnectors, size 1-3, 1-pole switchable, screw connection

for drilled busbars, connection at top / bottom

screw M12	NH 1	250 A	1	495.0	12		<b>33716</b>
screw M12	NH 2	400 A	1	502.0	12		<b>33717</b>
screw M12	NH 3	630 A	1	574.0	12		<b>33718</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection modules available under accessories

## Double NH in-line fuse disconnectors, 1250 A, 3-pole switchable, screw connection

for drilled busbars

screw M12, incl. terminal compartment cover	NH 3	1250 A	1	1556.0	12		<b>33731</b>
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Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection modules available under accessories

## NH in-line fuse base, size 1-3, open version, screw connection for drilled busbars, connection at bottom / top

screw M12	NH 1	250 A	1	365.0	12		<b>33706</b>
screw M12	NH 2	400 A	1	375.1	12		<b>33707</b>
screw M12	NH 3	630 A	1	450.0	12		<b>33708</b>

Terminal clamps for drill-free mounting with or without CrossLink® – touch-safe protection modules available under accessories



## Accessory for clamp connection, for drill-free mounting on the busbar system

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
terminal clamp for QUADRON®185Power	for busbar systems with CrossLink® touch-safe protection	1-3	3	15.0	12		<b>33738</b>
terminal clamp for QUADRON®185Power	for busbar systems without system covers	1-3	3	10.0	12		<b>33740</b>

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10

**QUADRON®185Power – accessories size 1-3**

3-pole, 1-pole switchable and open version

**Accessories**

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
box terminal	* for Cu and Al 70 - 240 mm <sup>2</sup>	1-3	3	14.5	12		<b>33735</b>
box terminal	* for Cu and Al 120 - 300 mm <sup>2</sup>	1-3	3	25.5	12		<b>33736</b>
terminal compartment cover	universal for NH-rails size 1-3 and connection rail 800 A	1-3	1	30.0	12		<b>33733</b>
pilot switch	changeover 250 V AC/5 A, 30 V DC/4 A	000-3	1	1.1	09		<b>33156</b>
lateral bearing strip	for front covers	00-3	2	10.7	12		<b>33758</b>
lateral cover support	for front covers	00-3	4	0.5	12		<b>33113</b>
grip lug cover	for 33706, 33707, 33708	00	6	57.5	12		<b>33759</b>
rear touch-safe protection cover	** rear protection for Phase L1	1-3	10	0.0	12		<b>33761</b>
plug support with mounting rail	for CT wiring	1-3	1	8.8	12		<b>33768</b>
component support with mounting rails	for fuse monitor and CT wiring	1-3	1	9.0	12		<b>33769</b>

\* When using aluminium conductors, observe the maintenance instructions (see 8.2)

\*\* To get rear finger safety in combination with CrossLink® touch-safe protection modules

**Current transformer (can be integrated), accuracy class 1**

Article	Rated apparent power	Size	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 200 A / 5 A	1.50 VA	1-3	1	14.0	12		<b>33745</b>
current transformer 250 A / 5 A	2.50 VA	1-3	1	14.0	12		<b>33746</b>
current transformer 400 A / 5 A	2.50 VA	1-3	1	14.0	12		<b>33747</b>
current transformer 600 A / 5 A	2.50 VA	1-3	1	14.0	12		<b>33748</b>

Can also be used for connection rail 01438

**Current transformer (can be integrated), accuracy class 0.5**

current transformer 200 A / 5 A	1.50 VA	1-3	1	28.0	12		<b>33292</b>
current transformer 250 A / 5 A	2.50 VA	1-3	1	28.0	12		<b>33294</b>
current transformer 400 A / 5 A	2.50 VA	1-3	1	28.0	12		<b>33298</b>

Can also be used for connection rail 01438

**Current transformer (can be integrated), accuracy class 0.5; tested in accordance with the conformity procedure**

current transformer 200 A / 5 A, with declaration of conformity	1.50 VA	1-3	1	28.0	12		<b>33293</b>
current transformer 250 A / 5 A, with declaration of conformity	2.50 VA	1-3	1	28.0	12		<b>33295</b>
current transformer 400 A / 5 A, with declaration of conformity	2.50 VA	1-3	1	28.0	12		<b>33299</b>

Can also be used for connection rail 01438. National laws must be observed; in addition to the net price of the transformer, the following costs are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500A: EUR 37; transformers from 500A to 1000A: EUR 54

**Current transformer module for NH in-line fuse switch disconnectors size 1-3**

universal current transformer module	for mounting in the connection compartment	1-3	1	170.0	18		<b>33762</b>
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For matching transformer see page 4.16



# QUADRON®185Power Speed – NH fuse-switch disconnecter, size 00

with snap-action switch mechanism



**In-line switch-disconnector with fuses NH, size 00, 3-pole switchable, clamp connection** for drill-free mounting **with and without CrossLink® touch-safe protection modules**, connection screw M8

Type	Size	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
high version, outgoing terminals at the bottom	* NH 00	160 A	1	504.0	18		<b>33614</b>
high version, outgoing terminals at the top	* NH 00	160 A	1	459.0	18		<b>33616</b>
flat version, outgoing terminals at the bottom	NH 00	160 A	1	455.3	18		<b>33610</b>
flat version, outgoing terminals at the top	NH 00	160 A	1	467.0	18		<b>33612</b>

With three terminal clamps with insulated screw extension for mounting on the busbar system

\* Current transformer, can be integrated; combinable with sizes 1–3

**In-line switch-disconnector with fuses NH, size 00, 3-pole switchable**

**clamp connection** for drill-free mounting **with and without CrossLink® touch-safe, with fuse monitoring, protection modules**, connection screw M8

high version, outgoing terminals at the bottom	* NH 00	160 A	1	481.5	18		<b>33624</b>
high version, outgoing terminals at the top	* NH 00	160 A	1	480.0	18		<b>33626</b>
flat version, outgoing terminals at the bottom	NH 00	160 A	1	449.0	18		<b>33620</b>
flat version, outgoing terminals at the top	NH 00	160 A	1	454.0	18		<b>33622</b>

With three terminal clamps with insulated screw extension for mounting on the busbar system

\* Current transformer, can be integrated; combinable with sizes 1–3

**In-line switch-disconnector with fuses NH, size 00, 3-pole switchable**

**screw connection** for drilled busbars, connection screw M8

high version, outgoing terminals at the bottom	* NH 00	160 A	1	462.5	18		<b>33615</b>
high version, outgoing terminals at the top	* NH 00	160 A	1	450.0	18		<b>33617</b>
flat version, outgoing terminals at the bottom	NH 00	160 A	1	409.0	18		<b>33611</b>
flat version, outgoing terminals at the top	NH 00	160 A	1	415.5	18		<b>33613</b>

With three screws for mounting on the busbar system

\* Current transformer, can be integrated; combinable with sizes 1–3

**In-line switch-disconnector with fuses NH, size 00, 3-pole switchable**

**screw connection** for drilled busbars, connection screw M8, with fuse monitoring,

high version, outgoing terminals at the bottom	* NH 00	160 A	1	485.0	18		<b>33625</b>
high version, outgoing terminals at the top	* NH 00	160 A	1	483.5	18		<b>33627</b>
flat version, outgoing terminals at the bottom	NH 00	160 A	1	443.0	18		<b>33621</b>
flat version, outgoing terminals at the top	NH 00	160 A	1	448.0	18		<b>33623</b>

With three screws for mounting on the busbar system

\* Current transformer, can be integrated; combinable with sizes 1–3

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10;  
Fuse links are not included in the scope of delivery

## QUADRON®185Power Speed – accessories, size 00



### Accessories

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
terminal compartment cover	for 33700, 33770, 33720, 33771, 33715, 33772 and QUADRON®185Power Speed size 00	00	1	18.2	12		<b>33732</b>
rear touch-safe protection	* for terminal compartment	00	1	7.0	18		<b>33653</b>
clamp connector	* for Cu 16 - 70 mm <sup>2</sup>	00	3	1.5	09		<b>33755</b>
wedge clamp terminal	* for Cu and Al 10 - 95 mm <sup>2</sup>	00	3	3.0	09		<b>33734</b>
bearing area extension, top	for front covers	00	1	0.9	18		<b>33645</b>
lateral bearing strip	for front covers	00-3	2	10.7	12		<b>33758</b>
lateral cover support	for front covers	00-3	4	0.5	12		<b>33113</b>
pilot switch	changeover 250 V AC / 5 A, 30 V DC / 4 A	00-3	1	2.9	18		<b>33642</b>

When using aluminium conductors, observe the maintenance instructions (see 8.2)

\* Can only be used for size 00, connection screws M8

### Current transformer (can be integrated), precision class 1

Article	Rated apparent power	Size	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 80 A / 5 A	2.50 VA	00	1	14.0	12		<b>33741</b>
current transformer 150 A / 5 A	2.50 VA	00	1	14.0	12		<b>33742</b>

### Current transformer (can be integrated), accuracy class 0.5

current transformer 150 A / 5 A	2.50 VA	00	1	14.0	12		<b>33742</b>
current transformer 150 A / 5 A	2.50 VA	00	1	28.0	12		<b>33751</b>

### Current transformer (can be integrated), accuracy class 0.5; tested in accordance with the conformity procedure

current transformer 100 A / 5 A, with declar. of conformity	1.50 VA	00	1	28.0	12		<b>33750</b>
current transformer 150 A / 5 A, with declar. of conformity	2.50 VA	00	1	28.0	12		<b>33752</b>

National laws must be observed; in addition to the net price of the transformer, the following cost are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500 A: EUR 37; transformers from 500 A to 1000 A: EUR 54

### Double adapter for QUADRON®185Power Speed – NH fuse-switch disconnecter, size 00

for 2 in-lin NH-fuse switch disconnectors size 00	00	1	55.0	12			<b>33728</b>
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### Current transformer for double adapter, accuracy class 1

current transformer 150 A / 5 A	1.50 VA	00-3	1	14.0	12		<b>33744</b>
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### Current transformer for double adapter, accuracy class 0.5

current transformer 150 A / 5 A	1.50 VA	00-3	1	28.0	12		<b>33753</b>
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### Current transformer for double adapter, accuracy class 0.5; tested in accordance with the conformity procedure

current transformer 150 A / 5 A, with declar. of conformity	1.50 VA	00-3	1	28.0	12		<b>33754</b>
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National laws must be observed; in addition to the net price of the transformer, the following cost are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500 A: EUR 37; transformers from 500 A to 1000 A: EUR 54

# QUADRON®185Power Speed – NH fuse-switch disconnecter, size 1-3

with snap-action switch mechanism



## In-line switch-disconnector with fuses NH, size 1-3, 3-pole switchable

**screw connection** for drilled busbars, connection screw M12

Type	Size	Rated current	Pack size	Weight kg/100 u.	PG		Part No.
outgoing terminals at the bottom	NH 1	250 A	1	1176.0	18		<b>33630</b>
outgoing terminals at the top	NH 1	250 A	1	1194.0	18		<b>33631</b>
outgoing terminals at the bottom	NH 2	400 A	1	1250.0	18		<b>33632</b>
outgoing terminals at the top	NH 2	400 A	1	1361.0	18		<b>33633</b>
outgoing terminals at the bottom	NH 3	630 A	1	1421.0	18		<b>33634</b>
outgoing terminals at the top	NH 3	500 A	1	1481.0	18		<b>33635</b>

Terminal clamps for mounting on CrossLink® touch-safe protection modules or screws for mounting on the busbar system are required – available under accessories

## In-line switch-disconnector with fuses NH, size 1-3, 3-pole switchable

**screw connection** for drilled busbars **with fuse monitoring**, connection screw M12

outgoing terminals at the bottom	NH 1	250 A	1	1267.0	18		<b>33636</b>
outgoing terminals at the top	NH 1	250 A	1	1285.0	18		<b>33637</b>
outgoing terminals at the bottom	NH 2	400 A	1	1420.0	18		<b>33638</b>
outgoing terminals at the top	NH 2	400 A	1	1452.0	18		<b>33639</b>
outgoing terminals at the bottom	NH 3	630 A	1	1512.0	18		<b>33640</b>
outgoing terminals at the top	NH 3	500 A	1	1572.0	18		<b>33641</b>

Terminal clamps for mounting on CrossLink® touch-safe protection modules or screws for mounting on the busbar system are required – available under accessories

## Accessories for mounting on the busbar system

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
mounting set with 3 terminal clamps	for drill-less mounting on the busbar system, with and without CrossLink® touch-safe protection covers	1-3	1	51.0	18		<b>33651</b>
mounting set with 3 bolts	for busbar connection on drilled busbars, including positioner	1-3	1	31.4	18		<b>33650</b>
insulated screw extension for terminal clamp	for safe live working with standard tools	1-3	3	5.8	18		<b>33652</b>

## Accessories

terminal compartment cover	universal for NH-rails size 1-3 and connection rail 800 A	1-3	1	30.0	12		<b>33733</b>
rear cover for terminal compartment cover		1-3	1	16.0	18		<b>33647</b>
connection set box terminal 70 mm <sup>2</sup> – 240 mm <sup>2</sup>	including rear cover	1-3	1	86.8	18		<b>33648</b>
connection set box terminal 120 mm <sup>2</sup> – 300 mm <sup>2</sup>	including rear cover	1-3	1	88.2	18		<b>33649</b>
bearing area extension, top		1-3	1	1.7	18		<b>33646</b>
lateral bearing strip	for front covers	00-3	2	10.7	12		<b>33758</b>
lateral cover support	for front covers	00-3	4	0.5	12		<b>33113</b>
pilot switch	changeover 250 V AC / 5 A, 30 V DC / 4 A	00-3	1	2.9	18		<b>33642</b>

All devices can be mounted directly on busbars 30, 40, 60, 80, 100, 120 x 10;  
Fuse links are not included in the scope of delivery

## QUADRON®185Power Speed – accessories, size 1-3



### Current transformer module, for QUADRON®185Power Speed – NH fuse-switch disconnecter, size 1-3

Article	Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
universal current transformer module	for mounting in the connection compartment	1-3	1	170.0	18		<b>33762</b>

including front and rear cover

### Current transformer (can be integrated into transformer module), accuracy class 1

Type	Rated apparent power	Pack size	Weight kg/100 u.	PG		Part No.
current transformer 250 A / 5 A	5.00 VA	1	28.0	12		<b>33782</b>
current transformer 400 A / 5 A	5.00 VA	1	28.0	12		<b>33785</b>
current transformer 600 A / 5 A	5.00 VA	1	28.0	12		<b>33788</b>
current transformer 750 A / 5 A	5.00 VA	1	28.0	12		<b>33791</b>

### Current transformer (can be integrated into transformer module), accuracy class 0.5

current transformer 250 A / 5 A	5.00 VA	1	28.0	12		<b>33780</b>
current transformer 400 A / 5 A	5.00 VA	1	28.0	12		<b>33783</b>
current transformer 600 A / 5 A	5.00 VA	1	28.0	12		<b>33786</b>
current transformer 750 A / 5 A	5.00 VA	1	28.0	12		<b>33789</b>

### Current transformer (can be integrated into transformer module), accuracy class 0.5; tested in accordance with the conformity procedure

current transformer 250 A / 5 A, with declaration of conformity	5.00 VA	1	28.0	12		<b>33781</b>
current transformer 400 A / 5 A, with declaration of conformity	5.00 VA	1	28.0	12		<b>33784</b>
current transformer 600 A / 5 A, with declaration of conformity	5.00 VA	1	28.0	12		<b>33787</b>
current transformer 750 A / 5 A, with declaration of conformity	5.00 VA	1	28.0	12		<b>33790</b>

National laws must be observed; in addition to the net price of the transformer, the following cost are charged per transformer for the declaration of conformity, the costs cannot be discounted: Transformers up to 500 A: EUR 37; transformers from 500 A to 1000 A: EUR 54

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