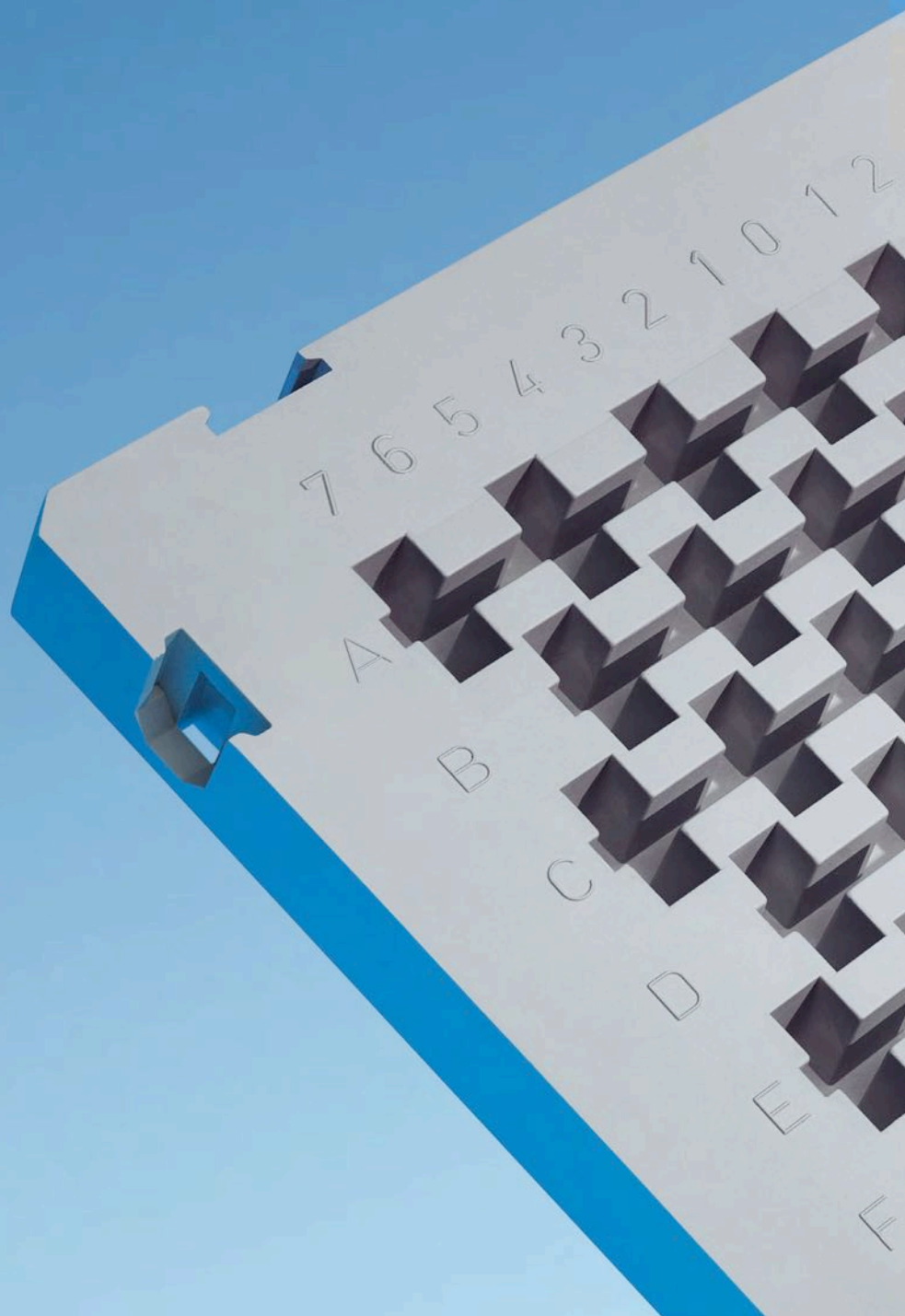
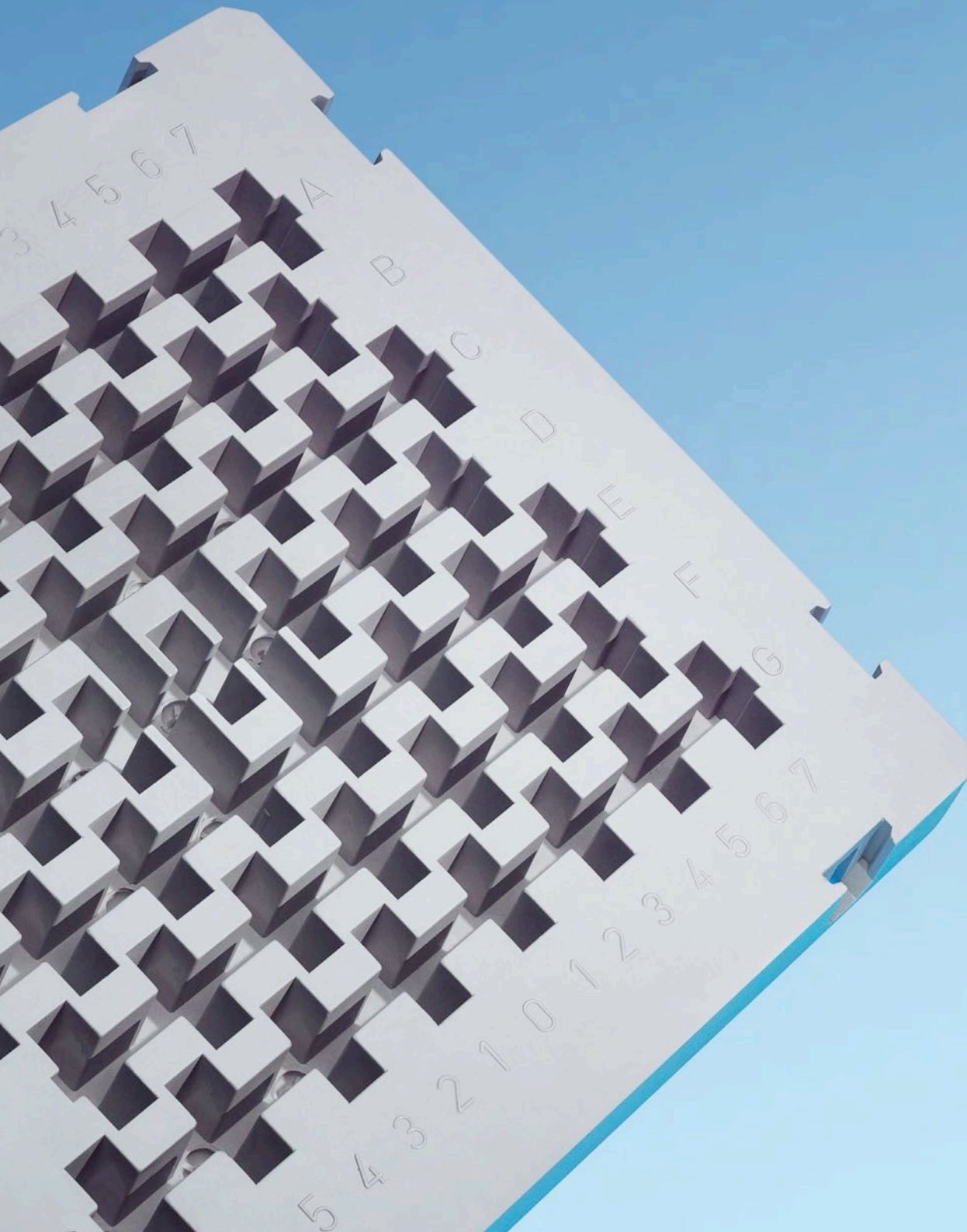
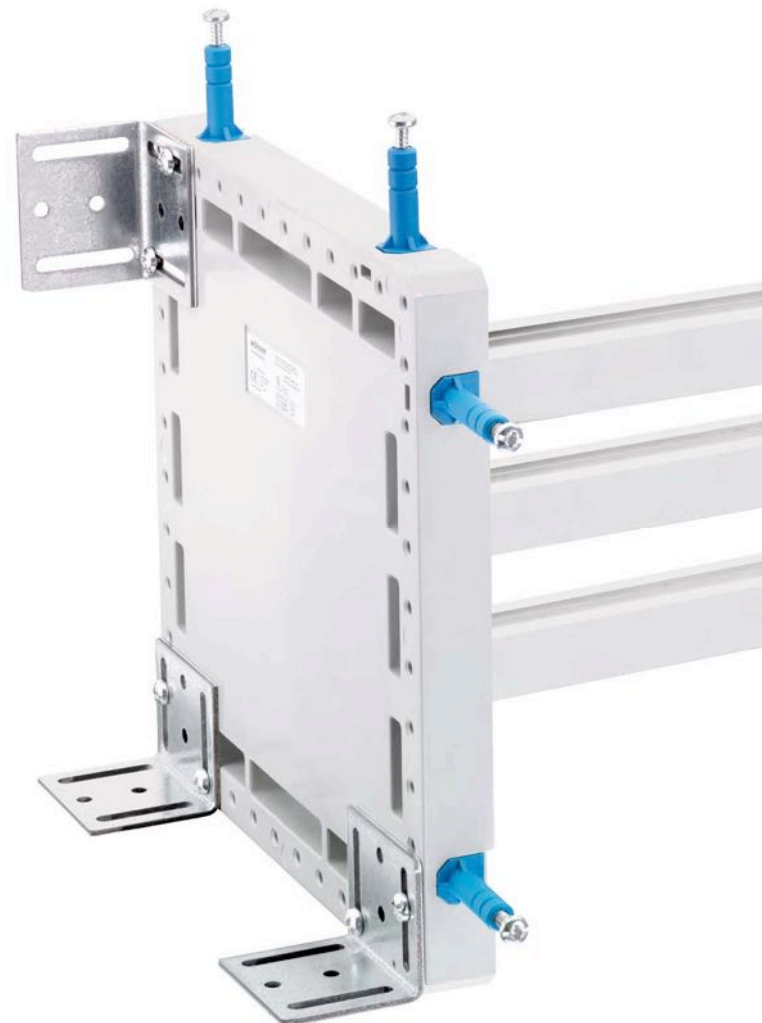


Centre feed unit



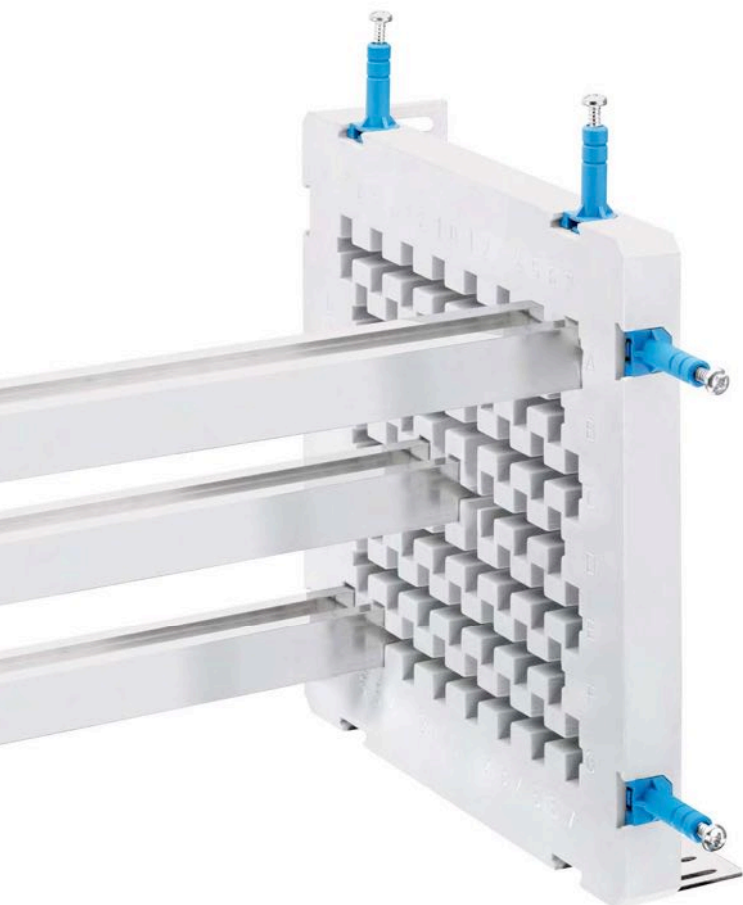


Centre feed unit



Centre feed unit up to 4000 A combines the advantages of high short-circuit capacity, drill-free mounting, brace terminal technology and clearly structured design. The fuseless equipment practice of this system puts high requirements on the short circuit capacity. The busbar supports and centre feed units have been designed specifically for this purpose. This also concerns the large number of different

connection options for copper and aluminium conductors, no matter if they are round conductors or laminated or large flat conductor connections. Industrial production and type tests ensure compliance with the required safety standards. The current rating and short-circuit capacity up to 120 kA determined by means of the type test meet the high requirements put on this system.





Double and triple T and TCC section busbars

The profiled section busbars offer safe distribution of currents up to 4000 A, double T and triple T section busbars can be connected on both sides.

Versions:

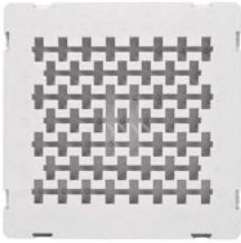
- Double T section busbars
- Triple T section busbars
- TCC section busbars



CRITO® Connection technology

These solutions provide for convenient connection of round conductors, flat conductors and cable lugs. Currents up to 3200 A can be brought to the busbar by the individual components.

- Brace terminal technology
- Round, sectored and flat conductors
- UL listed



Busbar support multi-pole

The busbar supports are suitable for 3 or 4 pole installations. Busbars from 300 to 1140 mm² can be used.

- Variable build up
- Double T and triple T sections busbars can be used



Busbar support 1 pole

The 1 pole lateral busbar support can also accommodate the TCC section busbars.

Busbars from 500 to 1600 mm² can be used

- Variable build up
- Double-T, Triple-T, and TCC section busbars can be used

Centre feed unit

TT and TTT section busbars



Centre feed unit

Cabinet width	Mounting dimensions	Busbar length	Cross-section mm ²	Pack size	Weight kg/100 u.	PG		Part No.
for cabinet width 600 mm	488 - 563	453	500	1	1434.0	11		35007
for cabinet width 800 mm	688 - 763	653		1	1716.0	11		35006
for cabinet width 600 mm	488 - 563	453	720	1	1716.0	11		35005
for cabinet width 800 mm	688 - 763	653		1	2488.0	11		35004
for cabinet width 600 mm	488 - 563	453	1140	1	2200.0	11		35015
for cabinet width 800 mm	688 - 763	653		1	2940.0	11		35016

Universal conductor connection terminal 16 mm² to 300 mm²

For busbar	Connection min. – max.	Terminal space W x H	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
flat busbars 10 mm and section busbars	16 - 120 mm ² , AWG 4 - MCM 250	17 x 15	440 A	25	10.9	07		01203
30 x 10 and section busbars	95 - 300 mm ²	41 x 25	630 A	3	85.7	07		01094

Brace terminals for round conductors up to 300 mm²

For busbar	Connection min. - max.	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 185 mm ²	500 A	6	31.2	07		01318
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 300 mm ²	600 A	3	42.5	07		01760

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

Profile terminal, for double-T section busbars, at front and back of busbar section

Connection cross-section	End feed	Centre feed	Terminal space W x H	Pack size	Weight kg/100 u.	PG		Part No.	
320 - 800 mm ²	1600 A	1600 A	41 x 20 - 42	3	67.0	07		01185	
500 - 750 mm ²			51 x 5 - 28	3	70.5	07		01906	
600 - 900 mm ²			64 x 5 - 28	3	84.0	07		01907	
500 - 1000 mm ²		2000 A	51 x 20 - 42	3	73.5	07		01936	
600 - 1200 mm ²			64 x 20 - 42	3	85.9	07		01911	
800 - 1600 mm ²			2500 A	81 x 20 - 42	3	101.1	07		01934
1000 - 2000 mm ²		2800 A	101 x 20 - 42	3	113.7	07		01935	
320 - 800 mm ²			1600 A	41 x 23 - 45	3	105.0	07		01513
500 - 1260 mm ²			2000 A	2500 A	64 x 23 - 45	3	124.0	07	01008
1200 - 3600 mm ²	2500 A	3200 A	101 x 23 - 45	3	172.7	07		01186	

For the connection of flat busbars and laminated copper busbars



Centre feed unit

TT and TTT section busbars



Brace terminals, 55 to 105 mm wide, for flat conductors

For busbar	Terminal space W x H	End feed	Centre feed	Pack size	Weight kg/100 u.	PG		Part No.
30 x 10 and section busbars	55 x 10 - 28	1600 A	2000 A	3	50.0	07		01069
30 x 10 and section busbars	68 x 10 - 28			3	63.0	07		01070
30 x 10 and section busbars	105 x 10 - 28		2800 A	3	84.0	07		01071

For the connection of flat busbars and laminated copper busbars

Clip-on screw connection, attachable, for DIN 46234 cable lugs

For busbar	Terminal space W x H	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
12, 15, 20, 25, 30 x 10 and section busbars	M8 x 8	490 A	20	16.5	07		01514
12, 15, 20, 25, 30 x 10 and section busbars	M10 x 10	630 A	6	36.2	07		01047

Laminated copper busbars, insulated, length 2 m

Dimensions (Number of laminates x width x thickness)	Rated current at 30 K	Rated current at 50 K	Cross-section mm ²	Pack size	Weight kg/100 u.	PG		Part No.
10 x 40 x 1	774 A	1053 A	400	1	746.0	06		01615
10 x 50 x 1	914 A	1244 A	500	1	932.0	06		01509
10 x 63 x 1	1088 A	1481 A	630	1	1180.0	06		01510
10 x 80 x 1	1305 A	1777 A	800	1	1490.0	06		01061
10 x 100 x 1	1550 A	2110 A	1000	1	1870.0	06		01273

You will find more laminated copper bars in the "accessories" chapter

Components, for individual mounting

Article	Type	Pack size	Weight kg/100 u.	PG		Part No.
busbar support, lateral	for centre feed unit with double T and triple T busbars	2	458.0	11		35008
busbar support, 4-pole, centre	for centre feed unit with double T busbars	1	458.0	11		35009
busbar support, 3-pole, centre	for centre feed unit with triple T busbars	1	458.0	11		35001
additional cover holder	for centre feed unit	4	1.4	11		35017

Section busbars, copper

Article	Type	Busbar length	Pack size	Weight kg/100 u.	PG		Part No.
double-T section busbar 500 mm ²	length 453 mm, tinned	453	1	200.6	06		01225
double-T section busbar 500 mm ²	length 650 mm, tinned	650	1	288.1	06		01226
double-T section busbar 720 mm ²	length 453 mm, tinned	453	1	293.3	06	-	01838
double-T section busbar 720 mm ²	length 653 mm, tinned	653	1	424.0	06	-	01831
triple-T section busbar 1140 mm ²	length 453 mm, tinned	453	1	464.0	06		01188
triple-T section busbar 1140 mm ²	length 653 mm, tinned	653	1	672.3	06		01189

For current carrying capacity of the busbars visit www.woehner.com



Centre feed unit

TT, TTT and TCC section busbars



Busbar holder, 1-pole, lateral

Type	Pack size	Weight kg/100 u.	PG	Part No.
for section busbar TT, TTT and TCC	6	11.0	06	01369

Section busbar, copper, tin-plated

Type	Length	Pack size	Weight kg/100 u.	PG	Part No.
TCC section busbar 1600 mm ²	2400	1	3416.0	06	01610

For current carrying capacity of the busbars visit www.woehner.com

Connection screw, with nut and spring washer for TCC section busbars

Type	Connection	Pack size	Weight kg/100 u.	PG	Part No.
hammer-head screw for TCC-profile, with nut and spring washer	M 10 x 45	12	5.1	07	01379
bolt for TCC-profile, with nut and spring washer	M 12 x 60	12	9.1	07	01380

For current carrying capacity of the busbars visit www.woehner.com

Brace terminal, 95 to 300 mm², for round conductors

For busbar	Connection mm ²	For use up to max.	Pack size	Weight kg/100 u.	PG	Part No.
20, 25, 30 x 5, 10 and section busbars	* 95 - 185	500 A	6	31.2	07	01318
20, 25, 30 x 5, 10 and section busbars	* 120 - 300	600 A	3	42.5	07	01760

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

Brace terminal, 30 to 105 mm wide, for flat conductors

For busbar	Terminal space W x H	End feed	Centre feed	Pack size	Weight kg/100 u.	PG	Part No.
20, 25, 30 x 5, 10 and section busbars	30 x 20	630 A	750 A	6	30.3	07	01319
	32 x 20		800 A	3	34.7	07	01759
30 x 10 and section busbars	55 x 10 - 28	1600 A	2000 A	3	50.0	07	01069
	68 x 10 - 28			3	63.0	07	01070
	105 x 10 - 28		2800 A	3	84.0	07	01071

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