Through and Ground (Earth) Conductor Terminal Blocks 1.5 mm² to 16 mm² / AWG 16 – 6, Series 279 bis 283

0.08 – 1.5 mm²	AWG 28 – 16
800 V/8 kV/3 ❶	600 V, 10 A
18 A	600 V, 10 A

Terminal block width 4 mm / 0.157 in
8 – 9 mm / 0.33 in

* CCA SABS CNET GL BV LR NV

0.08 – 2.5 mm²	AWG 28 – 12
800 V/8 kV/3 ❶	600 V, 20 A
24 A	600 V, 20 A

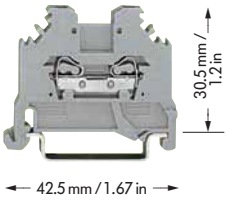
Terminal block width 5 mm / 0.197 in
8 – 9 mm / 0.33 in

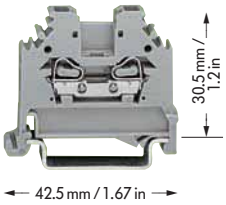
* CCA SABS CNET LCIE GL BV LR NV

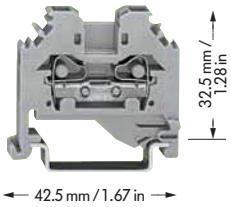
0.08 – 4 mm²	AWG 28 – 12
800 V/8 kV/3 ❶	600 V, 20 A
32 A	600 V, 25 A

Terminal block width 6 mm / 0.236 in
9 – 10 mm / 0.37 in

* SABS LCIE GL BV LR NV







	Item No.	Pack. unit pcs
2-conductor through terminal blocks		
grey	**279-101**	100
blue	**279-104**	100
End and intermediate plate, 2.5 mm/0.098 in thick		
orange	**280-302**	100 (4 x 25)
grey	**280-301**	100 (4 x 25)
Separator, oversized, 2 mm/0.079 in thick		
orange	**280-322**	100 (4 x 25)
grey	**280-332**	100 (4 x 25)

	Item No.	Pack. unit pcs
2-conductor through terminal blocks		
grey	**280-101**	100
blue	**280-104**	100
2-conductor ground (earth) terminal block		
green-yellow	**280-107**	100
End and intermediate plate, 2.5 mm/0.098 in thick		
orange	**280-302**	100 (4 x 25)
grey	**280-301**	100 (4 x 25)
Separator, oversized, 2 mm/0.079 in thick		
orange	**280-322**	100 (4 x 25)
grey	**280-332**	100 (4 x 25)

	Item No.	Pack. unit pcs
2-conductor through terminal blocks		
grey	**281-101**	100
blue	**281-104**	100
2-conductor ground (earth) terminal block		
green-yellow	**281-107**	100
End and intermediate plate, 3 mm/0.118 in thick		
orange	**281-302**	100 (4 x 25)
grey	**281-301**	100 (4 x 25)
Separator, oversized, 2 mm/0.079 in thick		
orange	**281-322**	100 (4 x 25)
grey	**281-332**	100 (4 x 25)

Accessories

Appropriate marking system **WMB/WSB** (see section 14)

	Item No.	Pack. unit pcs
Adjacent jumper, insulated, I_N 15 A		
grey	**279-402**	200 (8 x 25)
yell.-green	**279-422**	200 (8 x 25)
Protective warning marker, for 5 terminal blocks, fits into screwdriver slot		
yellow	**279-415**	100 (4 x 25)
Accessories series 279		
see page 2.9		

	Item No.	Pack. unit pcs
Adjacent jumper, insulated, I_N 24 A		
grey	**280-402**	200 (8 x 25)
yell.-green	**280-422**	200 (8 x 25)
Protective warning marker, for 5 terminal blocks, fits into screwdriver slot		
yellow	**280-405**	100 (4 x 25)
Accessories series 280		
see page 2.13		

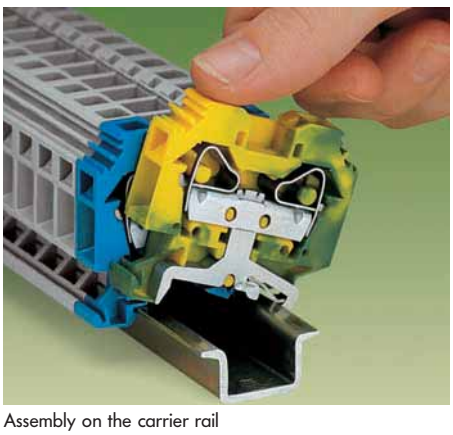
	Item No.	Pack. unit pcs
Adjacent jumper, insulated, I_N 32 A		
grey	**281-402**	200 (8 x 25)
yell.-green	**281-422**	200 (8 x 25)
Protective warning marker, for 5 terminal blocks, fits into screwdriver slot		
yellow	**281-405**	100 (4 x 25)
Accessories series 281		
see page 2.17		

Application notes

Carrier rail	Item-No.	Current ❸ acc. to [A]	mm²/AWG Cu
DIN 35 x 7.5 (steel)			
slotted	210-112	76	16/6
unslotted	210-113	76	16/6
DIN 35 x 15 (steel) 1.5 mm/ 0.059 in thick	210-114	125	35/2
2.3 mm/ 0.091 in thick	210-118	125	35/2
DIN 35 x 7.5 (Alu)			
unslotted	210-196	76	16/6
DIN 35 x 15 (Cu) 2.3 mm/ 0.091 in thick	210-198	309	150/6/0

❸ applies to rails of 1 m/3'3" length

If it is required to use standard carrier rails as ground (earth) conductor busbars, please refer to the **maximum current capacities** listed above.



Assembly on the carrier rail

Ground (earth) conductor terminal blocks snap onto the rail like through terminals, but automatically make a direct electrical connection on the rail.
Sliding on the rail is not then possible.

When mounting on the rail, ensure that open sides of terminal blocks face in the same direction.

Visual control is possible, that all screwdriver removal slots are on the same side.

* For further approvals with corresponding ratings see section 15.