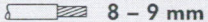
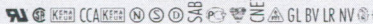


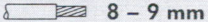
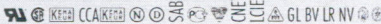


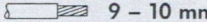
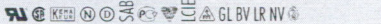


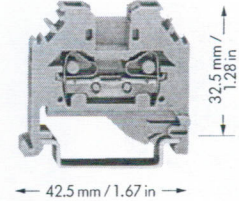
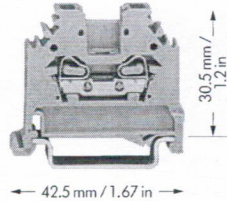
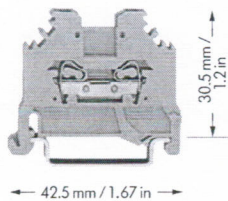
































# Through and Ground (Earth) Conductor Terminal Blocks

## 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup> / AWG 16 – 6, Series 279 bis 283

<b>0.08 – 1.5 mm<sup>2</sup></b> 800 V/8 kV/3 ① 18 A Terminal block width 4 mm / 0.157 in  8 – 9 mm / 0.33 in * 	<b>AWG 28 – 16</b> 600 V, 10 A  600 V, 10 A 	<b>0.08 – 2.5 mm<sup>2</sup></b> 800 V/8 kV/3 ① 24 A Terminal block width 5 mm / 0.197 in  8 – 9 mm / 0.33 in * 	<b>AWG 28 – 12</b> 600 V, 20 A  600 V, 20 A 	<b>0.08 – 4 mm<sup>2</sup></b> 800 V/8 kV/3 ① 32 A Terminal block width 6 mm / 0.236 in  9 – 10 mm / 0.37 in * 	<b>AWG 28 – 12</b> 600 V, 20 A  600 V, 25 A 
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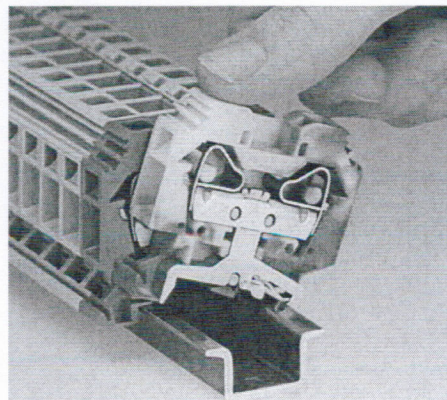
Item No.	Pack. unit pcs	Item No.	Pack. unit pcs	Item No.	Pack. unit pcs
<b>2-conductor through terminal blocks</b>		<b>2-conductor through terminal blocks</b>		<b>2-conductor through terminal blocks</b>	
grey <b>279-101</b> 	100	grey <b>280-101</b> 	100	grey <b>281-101</b> 	100
blue <b>279-104</b> 	100	blue <b>280-104</b> 	100	blue <b>281-104</b> 	100
<b>2-conductor ground (earth) terminal block</b>		<b>2-conductor ground (earth) terminal block</b>		<b>2-conductor ground (earth) terminal block</b>	
green-yellow <b>280-107</b> 	100	green-yellow <b>281-107</b> 	100	green-yellow <b>281-107</b> 	100
<b>End and intermediate plate, 2.5 mm/0.098 in thick</b>		<b>End and intermediate plate, 2.5 mm/0.098 in thick</b>		<b>End and intermediate plate, 3 mm/0.118 in thick</b>	
 orange <b>280-302</b> 100 (4 x 25)		 orange <b>280-302</b> 100 (4 x 25)		 orange <b>281-302</b> 100 (4 x 25)	
 grey <b>280-301</b> 100 (4 x 25)		 grey <b>280-301</b> 100 (4 x 25)		 grey <b>281-301</b> 100 (4 x 25)	
<b>Separator, oversized, 2 mm / 0.079 in thick</b>		<b>Separator, oversized, 2 mm / 0.079 in thick</b>		<b>Separator, oversized, 2 mm / 0.079 in thick</b>	
 orange <b>280-322</b> 100 (4 x 25)		 orange <b>280-322</b> 100 (4 x 25)		 orange <b>281-322</b> 100 (4 x 25)	
 grey <b>280-332</b> 100 (4 x 25)		 grey <b>280-332</b> 100 (4 x 25)		 grey <b>281-332</b> 100 (4 x 25)	
<b>Accessories</b> Appropriate marking system <b>WMB/WSB</b> (see section 14)					
<b>Adjacent jumper, insulated, I<sub>N</sub> 15 A</b>		<b>Adjacent jumper, insulated, I<sub>N</sub> 24 A</b>		<b>Adjacent jumper, insulated, I<sub>N</sub> 32 A</b>	
 grey <b>279-402</b> 200 (8 x 25)		 grey <b>280-402</b> 200 (8 x 25)		 grey <b>281-402</b> 200 (8 x 25)	
 yell.-green <b>279-422</b> 200 (8 x 25)		 yell.-green <b>280-422</b> 200 (8 x 25)		 yell.-green <b>281-422</b> 200 (8 x 25)	
<b>Protective warning marker, for 5 terminal blocks, fits into screwdriver slot</b>		<b>Protective warning marker, for 5 terminal blocks, fits into screwdriver slot</b>		<b>Protective warning marker, for 5 terminal blocks, fits into screwdriver slot</b>	
 yellow <b>279-415</b> 100 (4 x 25)		 yellow <b>280-405</b> 100 (4 x 25)		 yellow <b>281-405</b> 100 (4 x 25)	
<b>Accessories series 279</b> see page 2.9		<b>Accessories series 280</b> see page 2.13		<b>Accessories series 281</b> see page 2.17	

### Application notes

Carrier rail	Item-No.	Current ③ acc. to [A]	mm <sup>2</sup> /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

③ 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.