

35 mm²/AWG 2 Rail-Mounted High Current Through Terminal Blocks

Front-entry



6 – 35 mm²
1000 V/8 kV/3 ①
125 A
Terminal block width 16 mm / 0.63 in
23 mm / 0.91 in
16 mm / 0.63 in for 35 mm² "stranded"

AWG 8 – 2
600 V, 115 A

For terminal blocks with larger cross sections, please see Specialty Products Catalog KSK 1.2

- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see also section 10)

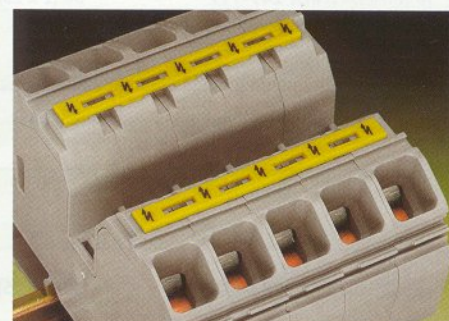
- ② Serves as touchproof protection for unused clamping units



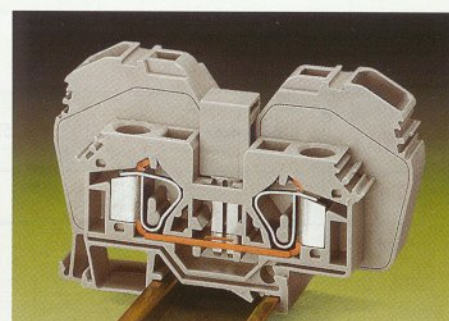
Description		Item-No.	Pack.-unit pcs
Through terminal block, for DIN 35 rail		2-conductor through terminal blocks, with integrated end plate	
	grey	285-635	15
	blue	285-634	15
Accessories (see also section 8)		Appropriate marking system	WMB/WSB or Mini-WSB
	Adjacent jumper, insulated	I _N 85 A grey	285-435 50 (2 x 25)
	Step-down jumper, insulated	I _N 32 A grey	283-414 50 (2 x 25)
	Screwless end stop	6 mm / 0.236 in wide 249-116 10 mm / 0.394 in wide 249-117	100 (4 x 25) 50 (2 x 25)
	Protective warning marker, for 5 terminal blocks, fits into screwdriver slot	yellow	285-416 50 (2 x 25)
	Finger guard cover ②	yellow	285-401 100 (4 x 25)
	Ground (earth) conductor terminal block with the same shape	green-yellow	285-637 page 1.67
Application notes			



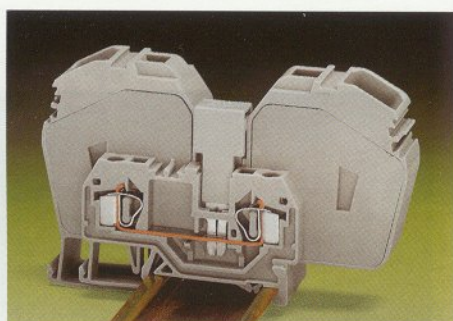
Connection of conductor 35 mm²/AWG 2



Protective warning markers in operating slots



Terminal blocks of series 285 can be commoned with terminal blocks of series 283:
285-635 and 285-634 with 283-601 and 283-604 resp.
jumper required: 285-435.
Please note that the nominal current of the adjacent jumper should not exceed 63 A.



Commoning of a series 285 terminal block (35 mm²/AWG 2) with a series 281 terminal block (4 mm²/AWG 12) using step-down jumper 283-414



Finger guard cover snapped into unused clamping unit