

■ Datasheet: El. Main branch term., 4 pole, 160A, in. 1x50mm², out.3x35mm²



IKB04050

■ SCHRACK-INFO

Article-description: El. Main branch term., 4 pole, 160A, in. 1x50mm², out.3x35mm²

■ Assembly details

Mounting on DIN-rail or on base plate. Time savings in cabling and approximately 80% space savings. Modular construction, 1-4 pole Systems can be built with several blocks.

■ Technical data

	Material	Colour
Clamping body	Brass	Plain
Housing	PA66-V0	grey
Housing body	PC-V2	clear
Hexagon socket set screw	Steel	Zn-Plated

■ General data

Heat deflection temp.	PA66 ? 140°C / PC ? 120°C
Comparative tracking index	PA66 = 600V / PC = 300V
Standard	IEC 60 947 -7 - 1

■ Electrical data

	IEC
max. electrical load	175A
max. operating voltage	690V
Protection	IP20
Short circuit withstand	I _{pk} 20kA / I _{cw} 1s 6,2kA

■ Cross section

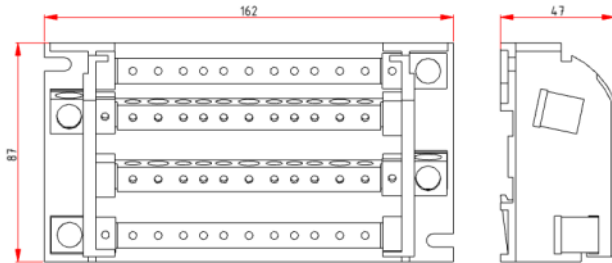
	U - single wire	K - fine wire (with sleeve)	Drehmoment
	R - multi wire	F - fine wire (with sleeve)	
Incomer			
1 x Ø10mm	10mm ² - 35mm ² 8 AWG - 2 AWG	10mm ² - 25mm ² 8 AWG - 4 AWG	3,5Nm - 5Nm 31 - 44 lbf.in
Outgoings			
3 x Ø8,2mm	6mm ² - 25mm ² 10 AWG - 4 AWG	6mm ² - 16mm ² 14 AWG - 6 AWG	3,5Nm - 5Nm 31 - 44 lbf.in
8 x Ø6,5mm	2,5mm ² - 16mm ² 14 AWG - 4 AWG	2,5mm ² - 10mm ² 14 AWG - 8 AWG	3,5Nm - 5Nm 31 - 44 lbf.in

■ Approval and Marking

The products are CE conform and correspond to the RoHS of the EU.

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■ Dimensional drawing



■ Models

Description	Order No.
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