

Data Sheet for Article: IKA21340--

Aluminium / Copper terminal, 1-pole brown, 50mm²

for copper conductors according to IEC 60947-7-1 and UL 1059, CSA-C22.2 No. 158, for aluminum conductors according to IEC 61238-1 and UL 1059, CSA-C22.2 No. 158, note maintenance instructions



Schrack Info

- Distribution block for connecting Al and Cu conductors
- 50mm² up to 300mm² models available
- When using aluminium conductors the common practices for installation must be observed
- Adjust the contact clamps after 6-8 weeks
- Aluminum-terminals for solid round conductors (RE), multi-wire conductors (RM), fine-stranded conductors with end ferrules and also sector conductors (SE and SM)

Technical Data

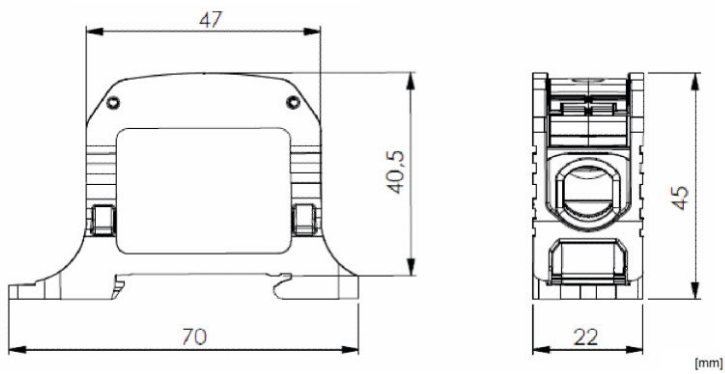
Netto depth (mm)	40,50
Net width (mm)	20,00
Net weight (kg)	0,03
EAN	9004840594683
Power loss (W)	1,40
Min. ambient temperature (°C)	-25

Technical Data - continued

Max. ambient temperature (°C)	80
Basic Description	Terminal

Datei Tabelle: Aluminium / Copper terminal, 1-pole brown, 50mm²

Regulations:	according to IEC 60947-7-1, IEC 61238-1		
Nominal voltage:	1.000VAC/1.000VDC		
Nominal current:	150A checked with SGS Fimko Ltd		
Rated cross-section:	50mm ²		
Impulse withstand voltage:	8kV		
Pollution degree:	3		
Surge voltage category:	III		
CTI value:	550		
Terminal cross section:	no. of connections: 2x50mm ² (all conductor types)		
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
	compact stranded	fine stranded with ferrule	compact stranded
	50mm ²	/	14Nm
	35mm ²	10Nm	
	25mm ²	8Nm	12Nm
	16mm ²		10Nm
	10mm ²	6Nm	
	6mm ²	6Nm	/
	4mm ²	/	
Stripping length	16mm		
Screw	M10 (SW 5mm)		
Materials:	Terminal body:	Aluminium	tin plated
	Housing:	PA 6 (Halogen-free)	
	Screws:	Steel	zinc plated
Flame resistance:	Self-extinguishing		
Construction:	Fingersafe IP 20		

Dimensioned drawing: Aluminium / Copper terminal, 1-pole brown, 50mm²

Article Table

DESCRIPTION	Order No.
Aluminium /Copper terminal, 1-pole brown, 50mm ² for copper conductors according to IEC 60947-7-1 and UL 1059, CSA-C22.2 No. 158, for aluminum conductors according to IEC IKA21340 61238-1 and UL 1059, CSA-C22.2 No. 158, note maintenance instructions	
Necessary Accessories	
Contact grease, acid protection acid for Al-conductors 200g 200g tube, Calium fat DIN 51825 K 2 C-40, e.g. for the processing of aluminum	IKAP0200