

Data Sheet for Article: IKA01270--

Main branch terminal, 1-pole, 270A, 1x95 + 2x35 + 8x25mm²

Input 1x95mm² and 2x35mm² , Outgoings 8x25mm²; for copper conductors according to IEC 60947-7-1 and UL 1059, for aluminum conductors according to UL 1059, note maintenance instructions



Technical Data

Netto depth (mm)	54,50
Net width (mm)	52,50
Net height (mm)	73,00
Net weight (kg)	0,24
EAN	9004840989014
Basic Description	Terminal
Product standard	EN 60947-7-1

IEC Spezifisch

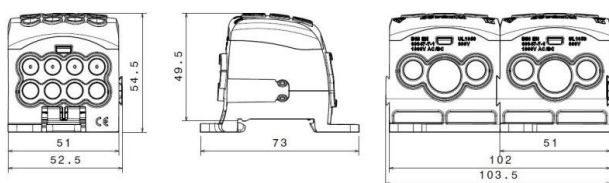
Regulations:	DIN EN 60947-7-1	
Rated voltage:	1000VAC, 1000VDC	
max. electrical load	232A Cu - VDE	
	270A Cu - FI	
Connection cross-sections:		
Input	Cu	
1x	Rundleiter Cu (eindrhtig und mehrdrhtig)	16 - 95mm ²
	Flexible conductor with ferrule	10 - 70mm ²
	Internal hexagon	M12
	Tightening torque	14Nm
	Stripping length	14mm
Bridge/output	Cu	
1x	Round conductor Cu (single and stranded conductor)	4 - 35mm ²
	Flexible conductor with ferrule	2.5 - 25mm ²
	Cross-head screw +/- PZ2	M8
	Tightening torque	3.5Nm
	Stripping length	12mm
Output	Cu	
8x	Round conductor Cu (single and stranded conductor)	2.5 - 25mm ²
	Flexible conductor with ferrule	1.5 - 16mm ²
	Internal hexagon	M6
	Tightening torque	2.5Nm
	Stripping length	12mm

Remarks:	The product complies with the ROHS directives of the EG	
Materials:	Clamping body:	Brass(CuZn39Pb2), tin-plated
	Basic housing:	PA 6 (Halogenfree)
	Cover:	PC
	Screws:	Steel, Zn thick-film passivated
Flame retardancy:	Self-extinguishing	
Mechanical values:	Dimensions	Width52,5 x Height54,5 x Depth73 (mm)

UL specific

Regulations:		UL-1059	UL-1059
Rated voltage:		600VAC	600VAC
max. electrical load		200A Cu	155A Al
Connection cross-sections:			
Input		Cu	Al
1x	Round conductor Cu (single and stranded conductor)	6 - 3/0 AWG	6 - 2/0 AWG
	Flexible conductor with ferrule	8 - 2/0 AWG	-
	Internal hexagon SW6	M12	M12
	Tightening torque	14Nm	22,6Nm
	Stripping length	14mm	14mm
Bridge/Output		Cu	Al
2x	Round conductor Cu (single and stranded conductor)	12 - 2 AWG	6 - 2 AWG
	Flexible conductor with ferrule	14 - 4 AWG	-
	Internal hexagon	M8	M8
	Tightening torque	3,5Nm	11,3Nm
	Stripping length	12mm	12mm
Output		Cu	Al
8x	Round conductor Cu (single and stranded conductor)	14 - 4 AWG	6 - 4 AWG
	Flexible conductor with ferrule	16 - 6 AWG	-
	Internal hexagon	M6	M6
	Tightening torque	2,5Nm	5,1Nm
	Stripping length	12mm	12mm

Dimensioned drawing: Main branch terminal, 1-pole, 270A, 1x95 + 2x35 + 8x25mm²



Article Table

DESCRIPTION	Order No.
Main branch terminal, 1-pole, 270A, 1x95 + 2x35 + 8x25mm ² Input 1x95mm ² and 2x35mm ² , Outgoings 8x25mm ² ; for copper conductors according to IEC 60947-7-1 and UL 1059, for aluminum conductors according to UL 1059, note maintenance instructions	IKA01270
Optional 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