

Technical data

Description:	Terminal block RKA 50 1/4
Construction:	Fingersafe IP 20
Item no. :	087320



27.11.2023

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A
Rated cross-section:	50 mm ²	AWG 1/0
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550
Terminal cross section:		

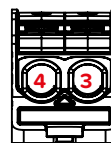
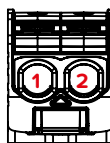
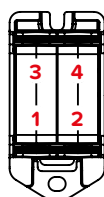
no. of connections: 4 x 50 mm ² (all conductor types)			
Connecting point 1 - 4			
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
50 mm ²		-	14 Nm
35 mm ²	10 Nm	10 Nm	
25 mm ²			12 Nm
16 mm ²	8 Nm	8 Nm	10 Nm
10 mm ²			
6 mm ²	6 Nm	6 Nm	-
4 mm ²	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

no. of connections: 4 x AWG 1/0 (all conductor types)			
Connecting point 1 - 4			
	UL 1059, CSA-C22.2 No. 158		
	Cu		Al
AWG 1/0		-	14 Nm
AWG 2	10 Nm	10 Nm	
AWG 4			12 Nm
AWG 6	8 Nm	8 Nm	10 Nm
AWG 8			
AWG 10	6 Nm	6 Nm	-
AWG 12	-		
stripping length	16 mm		
allen screw	M10 (SW 5 mm)		

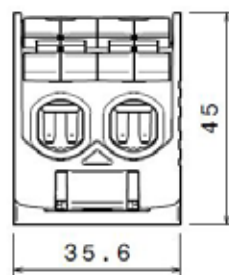
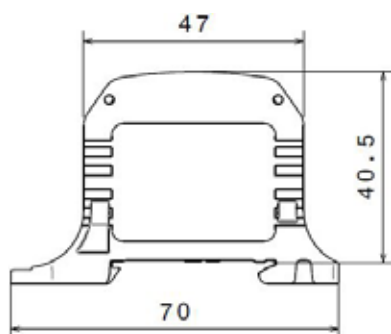
solid

compact stranded

fine stranded with ferrule



Materials:	Terminal body: Aluminium	tin plated
	Housing: PA 6 (Halogen-free)	
	Screws: Steel	zinc plated
Flame resistance:	Self-extinguishing	
Mechanical data:	Dimensions: width x height x depth (mm):	35,6 x 45 x 70



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087320-0-3	L G	light grey RAL 7035	5/40	4051589873208
087320-1-3	N	light blue RAL 5012	5/40	4051589873215
087320-2-3	PE	yellow-green RAL 6018	5/40	4051589873222
087320-3-3	L B	clay brown RAL 8003	5/40	4051589873239
087320-4-3	L S	jet black RAL 9005	5/40	4051589873246

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