







Technical Data Sheet

Description:	Terminal block RKA 50
Construction:	Fingersafe IP 20
Item no. :	087310

11.01.2017

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1 CE	UL 1059, CSA-C22.2 No. 158 UL US
Nominal Voltage:	1.000 V AC / 1.000 V DC	600 V AC
Nominal current:	Cu 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

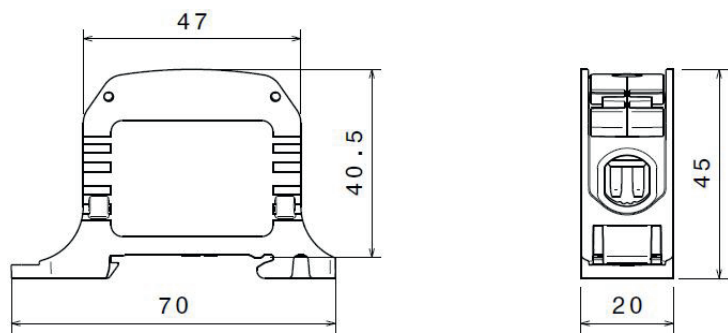
Terminal cross section:	no. of connections: 2 x 50 mm ² (all conductor types)			no. of connections: 2 x AWG 1/0 (all conductor types)		
		Cu			Cu	Al
						
50 mm ²	10 Nm	-		AWG 1/0	16,9 Nm	16,9 Nm
35 mm ²	10 Nm	10 Nm		AWG 2	16,9 Nm	14,1 Nm*
25 mm ²	10 Nm	10 Nm		AWG 4	16,9 Nm	10,2 Nm*
16 mm ²	10 Nm	10 Nm		AWG 6	16,9 Nm	10,2 Nm*
10 mm ²	10 Nm	10 Nm		AWG 8	16,9 Nm	-
6 mm ²	10 Nm	10 Nm		AWG 10	16,9 Nm	-
4 mm ²	-	10 Nm		AWG 12	-	-
stripping length	16 mm			stripping length	16 mm	
allen screw	M10 (SW 5 mm)			allen screw	M10 (SW 5 mm)	

 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
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Mechanical data:	Dimensions: width x height x depth (mm): 20 x 45 x 70
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Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
087310-0-3	L G	light grey RAL 7035	9 / 72	4051589873109
087310-1-3	N	light blue RAL 5012	9 / 72	4051589873116
087310-2-3	PE	yellow-green RAL 6018	9 / 72	4051589873123
087310-3-3	L B	clay brown RAL 8003	9 / 72	4051589873130
087310-4-3	L S	jet black RAL 9005	9 / 72	4051589873147

Technical Data Sheet

Description:	Terminal block RKA 50 D
Construction:	Fingersafe IP 20
Item no. :	087320

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1 CE	UL 1059, CSA-C22.2 No. 158 UL US
Nominal Voltage:	1.000 V AC / 1.000 V DC	600 V AC
Nominal current:	Cu 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

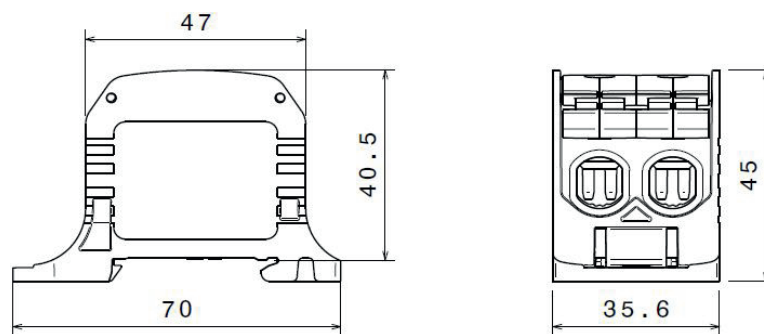
Terminal cross section:	no. of connections: 4 x 50 mm ² (all conductor types)			no. of connections: 4 x AWG 1/0 (all conductor types)		
		Cu			Cu	Al
						
50 mm ²	10 Nm	-		AWG 1/0	16,9 Nm	16,9 Nm
35 mm ²	10 Nm	10 Nm		AWG 2	16,9 Nm	14,1 Nm*
25 mm ²	10 Nm	10 Nm		AWG 4	16,9 Nm	10,2 Nm*
16 mm ²	10 Nm	10 Nm		AWG 6	16,9 Nm	10,2 Nm*
10 mm ²	10 Nm	10 Nm		AWG 8	16,9 Nm	-
6 mm ²	10 Nm	10 Nm		AWG 10	16,9 Nm	-
4 mm ²	-	10 Nm		AWG 12	-	-
stripping length	16 mm			* Torque values from UL 486A-486B Table 21 column A 16 mm		
allen screw	M10 (SW 5 mm)			M10 (SW 5 mm)		

 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
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Mechanical data:	Dimensions: width x height x depth (mm): 35,6 x 45 x 70
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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

Technical Data Sheet

Description:	Terminal block RKA 50 - 3 pole
Construction:	Fingersafe IP 20
Item no. :	087330

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1 CE	UL 1059, CSA-C22.2 No. 158 UL US
Nominal Voltage:	1.000 V AC / 1.000 V DC	600 V AC
Nominal current:	Cu 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

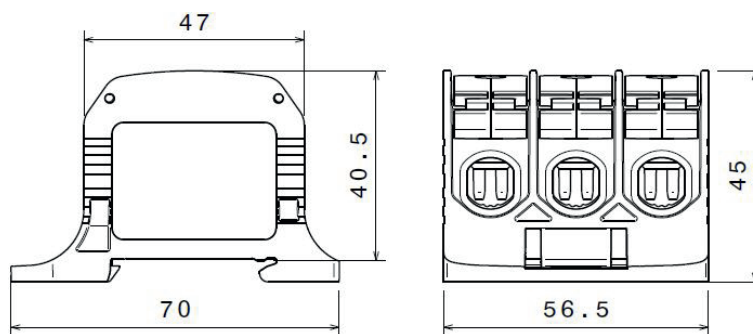
Terminal cross section:	no. of connections: 2 x 50 mm ² (all conductor types) per pole			no. of connections: 2 x AWG 1/0(all conductor types) per pole		
		Cu			Cu	Al
						
50 mm ²	10 Nm	-		AWG 1/0	16,9 Nm	16,9 Nm
35 mm ²	10 Nm	10 Nm		AWG 2	16,9 Nm	14,1 Nm*
25 mm ²	10 Nm	10 Nm		AWG 4	16,9 Nm	10,2 Nm*
16 mm ²	10 Nm	10 Nm		AWG 6	16,9 Nm	10,2 Nm*
10 mm ²	10 Nm	10 Nm		AWG 8	16,9 Nm	-
6 mm ²	10 Nm	10 Nm		AWG 10	16,9 Nm	-
4 mm ²	-	10 Nm		AWG 12	-	-
stripping length	16 mm			stripping length	16 mm	
allen screw	M10 (SW 5 mm)			allen screw	M10 (SW 5 mm)	

 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
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Mechanical data:	Dimensions: width x height x depth (mm): 56,5 x 45 x 70
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Design					
Basic housing colour – light grey RAL 7035					
Part no.	Design	Cover colour		PU	GTIN (EAN)
087330-0-3	3L			3 / 24	4051589873307
087330-1-3	L / N / PE			3 / 24	4051589873314
087330-2-3	PE / L / N			3 / 24	4051589873321
087330-5-3	3L BSG			3 / 24	4051589873352