





















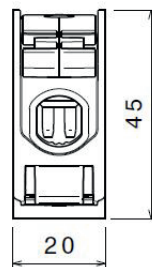
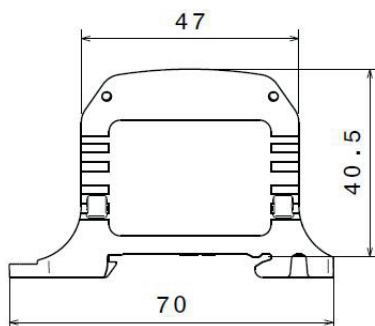


Technical data

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

11.12.2017

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	600 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:	<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="3">no. of connections: 2 x 50 mm² (all conductor types)</th> </tr> <tr> <th colspan="2">IEC 60947-7-1</th> <th>IEC 61238-1</th> </tr> <tr> <th>Cu</th> <th>Al</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>50 mm²</td> <td>10 Nm</td> <td>-</td> <td>14 Nm</td> </tr> <tr> <td>35 mm²</td> <td>-</td> <td>10 Nm</td> <td>-</td> </tr> <tr> <td>25 mm²</td> <td>8 Nm</td> <td>8 Nm</td> <td>12 Nm</td> </tr> <tr> <td>16 mm²</td> <td>-</td> <td>-</td> <td>10 Nm</td> </tr> <tr> <td>10 mm²</td> <td>6 Nm</td> <td>6 Nm</td> <td>-</td> </tr> <tr> <td>6 mm²</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4 mm²</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="3">16 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="3">M10 (SW 5 mm)</td> </tr> </tbody> </table>		no. of connections: 2 x 50 mm ² (all conductor types)			IEC 60947-7-1		IEC 61238-1	Cu	Al						50 mm ²	10 Nm	-	14 Nm	35 mm ²	-	10 Nm	-	25 mm ²	8 Nm	8 Nm	12 Nm	16 mm ²	-	-	10 Nm	10 mm ²	6 Nm	6 Nm	-	6 mm ²	-	-	-	4 mm ²	-	-	-	stripping length	16 mm			allen screw	M10 (SW 5 mm)			<table border="1"> <thead> <tr> <th rowspan="3"></th> <th colspan="3">no. of connections: 2 x AWG 1/0 (all conductor types)</th> </tr> <tr> <th colspan="3">UL 1059, CSA-C22.2 No. 158</th> </tr> <tr> <th>Cu</th> <th>Al</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AWG 1/0</td> <td>-</td> <td>-</td> <td>14 Nm</td> </tr> <tr> <td>AWG 2</td> <td rowspan="4">14 Nm</td> <td rowspan="4">14 Nm</td> <td rowspan="4">-</td> </tr> <tr> <td>AWG 4</td> </tr> <tr> <td>AWG 6</td> </tr> <tr> <td>AWG 8</td> </tr> <tr> <td>AWG 10</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>AWG 12</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="3">16 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="3">M10 (SW 5 mm)</td> </tr> </tbody> </table>		no. of connections: 2 x AWG 1/0 (all conductor types)			UL 1059, CSA-C22.2 No. 158			Cu	Al						AWG 1/0	-	-	14 Nm	AWG 2	14 Nm	14 Nm	-	AWG 4	AWG 6	AWG 8	AWG 10	-	-	-	AWG 12	-	-	-	stripping length	16 mm			allen screw	M10 (SW 5 mm)		
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Materials:	Terminal body: Aluminium Housing: PA 6 (Halogen-free) Screws: Steel	tin plated zinc plated																																																																																											
Flame resistance:	Self-extinguishing																																																																																												
Mechanical data:	Dimensions: width x height x depth (mm): 20 x 45 x 70																																																																																												



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	LB	clay brown RAL 8003	9 / 72	4051589873130
087310-4-3	LS	jet black RAL 9005	9 / 72	4051589873147