






























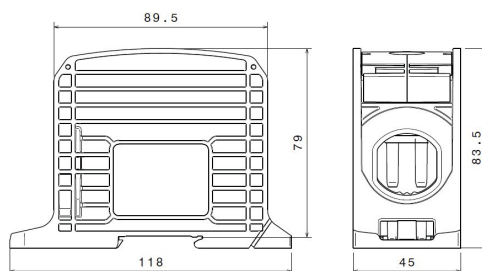
Technical data

Description:	Terminal block RKA 300
Construction:	Fingersafe IP 20
Item no. :	087910

16.03.2022

Remarks:	The product is compliant with the EC ROHS directives																																																																																													
Standards:	IEC 60947-7-1	UL 1059, CSA-C22.2 No. 158																																																																																												
																																																																																														
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC																																																																																												
Nominal current:	Cu 520 A	Cu 420 A, Al 340 A																																																																																												
Rated cross-section:	300 mm ²	600 kcmil																																																																																												
Impulse withstand voltage:	8 kV																																																																																													
Pollution degree:	3																																																																																													
Surge voltage category:	III																																																																																													
CTI value:	550	550																																																																																												
Terminal cross section:	<table border="1"> <tr> <th colspan="3">no. of connections: 2 x 300 mm² (all conductor types)</th> </tr> <tr> <th colspan="3">IEC 60947-7-1</th> </tr> <tr> <th></th> <th>Cu</th> <th>Al</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>300 mm²</td> <td>-</td> <td>-</td> </tr> <tr> <td>240 mm²</td> <td>45 Nm</td> <td>45 Nm</td> </tr> <tr> <td>185 mm²</td> <td>45 Nm</td> <td>45 Nm</td> </tr> <tr> <td>150 mm²</td> <td>45 Nm</td> <td>45 Nm</td> </tr> <tr> <td>120 mm²</td> <td>45 Nm</td> <td>45 Nm</td> </tr> <tr> <td>95 mm²</td> <td>45 Nm</td> <td>45 Nm</td> </tr> <tr> <td>70 mm²</td> <td>-</td> <td>30 Nm</td> </tr> <tr> <td>50 mm²</td> <td>-</td> <td>30 Nm</td> </tr> <tr> <td>35 mm²</td> <td>-</td> <td>30 Nm</td> </tr> <tr> <td>stripping length</td> <td colspan="2">34 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="2">M24 (SW 12 mm)</td> </tr> </table>		no. of connections: 2 x 300 mm ² (all conductor types)			IEC 60947-7-1				Cu	Al				300 mm ²	-	-	240 mm ²	45 Nm	45 Nm	185 mm ²	45 Nm	45 Nm	150 mm ²	45 Nm	45 Nm	120 mm ²	45 Nm	45 Nm	95 mm ²	45 Nm	45 Nm	70 mm ²	-	30 Nm	50 mm ²	-	30 Nm	35 mm ²	-	30 Nm	stripping length	34 mm		allen screw	M24 (SW 12 mm)		<table border="1"> <tr> <th colspan="3">no. of connections: 2 x 600 kcmil (all conductor types)</th> </tr> <tr> <th colspan="3">UL 1059, CSA-C22.2 No. 158</th> </tr> <tr> <th></th> <th>Cu</th> <th>Al</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>600 kcmil</td> <td>-</td> <td>-</td> </tr> <tr> <td>500 kcmil</td> <td>33,9 Nm</td> <td>65 Nm</td> </tr> <tr> <td>350 kcmil</td> <td>33,9 Nm</td> <td>65 Nm</td> </tr> <tr> <td>300 kcmil</td> <td>33,9 Nm</td> <td>65 Nm</td> </tr> <tr> <td>250 kcmil</td> <td>33,9 Nm</td> <td>65 Nm</td> </tr> <tr> <td>AWG 3/0</td> <td>-</td> <td>-</td> </tr> <tr> <td>AWG 2/0</td> <td>-</td> <td>-</td> </tr> <tr> <td>AWG 1/0</td> <td>-</td> <td>-</td> </tr> <tr> <td>AWG 2</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="2">34 mm</td> </tr> <tr> <td>allen screw</td> <td colspan="2">M24 (SW 12 mm)</td> </tr> </table>		no. of connections: 2 x 600 kcmil (all conductor types)			UL 1059, CSA-C22.2 No. 158				Cu	Al				600 kcmil	-	-	500 kcmil	33,9 Nm	65 Nm	350 kcmil	33,9 Nm	65 Nm	300 kcmil	33,9 Nm	65 Nm	250 kcmil	33,9 Nm	65 Nm	AWG 3/0	-	-	AWG 2/0	-	-	AWG 1/0	-	-	AWG 2	-	-	stripping length	34 mm		allen screw	M24 (SW 12 mm)	
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Measurement connection:	<table border="1"> <tr> <th colspan="3">no. of connections: 1 x 10 mm² (all conductor types)</th> </tr> <tr> <th></th> <th>Cu</th> <th>Al</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>10 mm²</td> <td>1,2 Nm</td> <td>1,2 Nm</td> </tr> <tr> <td>6 mm²</td> <td>1,2 Nm</td> <td>1,2 Nm</td> </tr> <tr> <td>4 mm²</td> <td>1,2 Nm</td> <td>1,2 Nm</td> </tr> <tr> <td>2,5 mm²</td> <td>1,2 Nm</td> <td>1,2 Nm</td> </tr> <tr> <td>1,5 mm²</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="2">10 mm</td> </tr> <tr> <td>screw</td> <td colspan="2">M4 (+/- PZ2)</td> </tr> </table>		no. of connections: 1 x 10 mm ² (all conductor types)				Cu	Al				10 mm ²	1,2 Nm	1,2 Nm	6 mm ²	1,2 Nm	1,2 Nm	4 mm ²	1,2 Nm	1,2 Nm	2,5 mm ²	1,2 Nm	1,2 Nm	1,5 mm ²	-	-	stripping length	10 mm		screw	M4 (+/- PZ2)		<table border="1"> <tr> <th colspan="3">no. of connections: 1 x AWG 8 (all conductor types)</th> </tr> <tr> <th></th> <th>Cu</th> <th>Al</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>AWG 8</td> <td>2,3 Nm</td> <td>2,3 Nm</td> </tr> <tr> <td>AWG 10</td> <td>2,3 Nm</td> <td>2,3 Nm</td> </tr> <tr> <td>AWG 12</td> <td>2,3 Nm</td> <td>2,3 Nm</td> </tr> <tr> <td>AWG 14</td> <td>2,3 Nm</td> <td>2,3 Nm</td> </tr> <tr> <td>AWG 16</td> <td>-</td> <td>-</td> </tr> <tr> <td>stripping length</td> <td colspan="2">10 mm</td> </tr> <tr> <td>screw</td> <td colspan="2">M4 (+/- PZ2)</td> </tr> </table>		no. of connections: 1 x AWG 8 (all conductor types)				Cu	Al				AWG 8	2,3 Nm	2,3 Nm	AWG 10	2,3 Nm	2,3 Nm	AWG 12	2,3 Nm	2,3 Nm	AWG 14	2,3 Nm	2,3 Nm	AWG 16	-	-	stripping length	10 mm		screw	M4 (+/- PZ2)																															
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screw	M4 (+/- PZ2)																																																																																													
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):	45 x 83,5 x 118																																																																																											

 solid  compact stranded  fine stranded with ferrule



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087910-0-3	L G	light grey RAL 7035	1 / 12	4051589879101
087910-1-3	N	light blue RAL 5012	1 / 12	4051589879118
087910-2-3	PE	yellow-green RAL 6018	1 / 12	4051589879125
087910-3-3	LB	clay brown RAL 8003	1 / 12	4051589879132
087910-4-3	L S	jet black RAL 9005	1 / 12	4051589879149


Technical data

Description:	Terminal block RKA 300 D
Construction:	Fingersafe IP 20
Item no. :	087920

16.03.2022

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1 UL 1059, CSA-C22.2 No. 158






Nominal Voltage: 1.000 V AC / 1.000 V DC 1.000 V AC

Nominal current: Cu 520 A Cu 420 A, Al 340 A






Rated cross-section: 300 mm² 600 kcmil

Impulse withstand voltage: 8 kV




Pollution degree: 3

Surge voltage category: III

CTI value: 550 550

Terminal cross section:	no. of connections: 4 x 300 mm ² (all conductor types)			no. of connections: 4 x 600 kcmil (all conductor types)		
	IEC 60947-7-1			UL 1059, CSA-C22.2 No. 158		
	Cu			Cu		Al
300 mm ²			-			
240 mm ²	45 Nm	45 Nm	-	33,9 Nm	33,9 Nm	65 Nm
185 mm ²			-			
150 mm ²			-			
120 mm ²	-	30 Nm	-	-	-	-
95 mm ²			-			
70 mm ²			-			
50 mm ²	-	-	-	-	-	-
35 mm ²	-	-	-	-	-	-
stripping length allen screw	34 mm M24 (SW 12 mm)			34 mm M24 (SW 12 mm)		

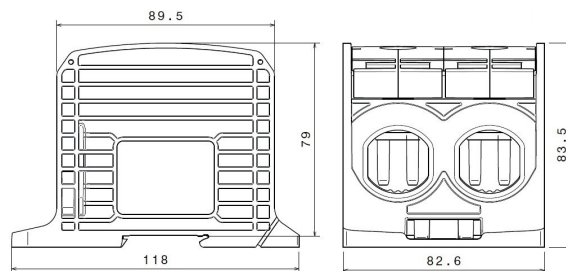
Measurement connection:	no. of connections: 2 x 10 mm ² (all conductor types)			no. of connections: 2 x AWG 8 (all conductor types)		
	10 mm ²	1,2 Nm	1,2 Nm	-	2,3 Nm	2,3 Nm
6 mm ²	-					
4 mm ²	-					
2,5 mm ²	-	-	-	-	-	-
1,5 mm ²	-	-	-	-	-	-
stripping length screw	10 mm M4 (+/- PZ2)			10 mm M4 (+/- PZ2)		

 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): 82,6 x 83,5 x 118



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087920-0-3	L G	light grey RAL 7035	1 / 6	4051589879200
087920-1-3	N	light blue RAL 5012	1 / 6	4051589879217
087920-2-3	PE	yellow-green RAL 6018	1 / 6	4051589879224
087920-3-3	LB	clay brown RAL 8003	1 / 6	4051589879231
087920-4-3	L S	jet black RAL 9005	1 / 6	4051589879248