










Technical data

Description:	Terminal block RKA 185 D
Construction:	Fingersafe IP 20
Item no. :	087820

11.12.2017

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	600 V AC
Nominal current:	Cu 353 A	Cu 310 A, Al 250 A
Rated cross-section:	185 mm ²	350 kcmil
Impulse withstand voltage:	8 kV	
Pollution degree:	3	
Surge voltage category:	III	
CTI value:	550	550

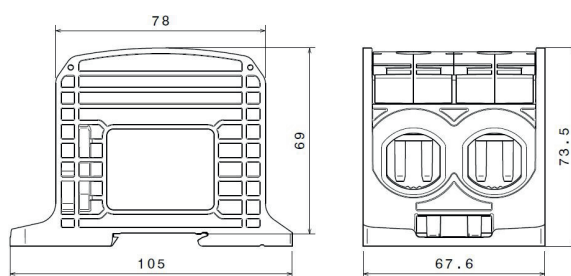
Terminal cross section:	no. of connections: 4 x 185 mm ² (all conductor types)			no. of connections: 4 x 350 kcmil (all conductor types)		
	IEC 60947-7-1			UL 1059, CSA-C22.2 No. 158		
	Cu			Cu		
						
185 mm ²			-			
150 mm ²	25 Nm			28,2 Nm		45 Nm
120 mm ²			25 Nm			
95 mm ²						
70 mm ²						
50 mm ²						
35 mm ²			20 Nm			
25 mm ²						
stripping length	29 mm			29 mm		
allen screw	M18 (SW 10 mm)			M18 (SW 10 mm)		

Measurement connection:	no. of connections: 2 x 10 mm ² (all conductor types)			no. of connections: 2 x AWG 8 (all conductor types)		
	IEC 60947-7-1			UL 1059, CSA-C22.2 No. 158		
	Cu			Cu		
						
10 mm ²			-			
6 mm ²	1,2 Nm			2,3 Nm		
4 mm ²			1,2 Nm			
2,5 mm ²						
1,5 mm ²						
stripping length	10 mm			10 mm		
screw	M4 (+/- PZ2)			M4 (+/- PZ2)		

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):	67,6 x 73,5 x 105
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Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
087820-0-3	L G	light grey RAL 7035	1 / 6	4051589878203
087820-1-3	N	light blue RAL 5012	1 / 6	4051589878210
087820-2-3	PE	yellow-green RAL 6018	1 / 6	4051589878227
087820-3-3	LB	clay brown RAL 8003	1 / 6	4051589878234
087820-4-3	L S	jet black RAL 9005	1 / 6	4051589878241