

Technical Data Sheet



Description:	Terminal block RKA 185
Construction:	Fingersafe IP 20
Item no. :	087810

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: 2 x 185 mm ² (all conductor types)		
IEC 60947-7-1		
Cu		
185 mm ²		-
150 mm ²	25 Nm	25 Nm
120 mm ²		
95 mm ²		-
70 mm ²		-
50 mm ²		-
35 mm ²		20 Nm
25 mm ²		-
stripping length	29 mm	
allen screw	M18 (SW 10 mm)	

no. of connections: 2 x 350 kcmil (all conductor types)		
UL 1059, CSA-C22.2 No. 158		
Cu		
350 kcmil		-
300 kcmil	28,2 Nm	45 Nm
250 kcmil		
AWG 3/0		-
AWG 2/0		-
AWG 1/0		-
AWG 2		-
AWG 4		-
stripping length	29 mm	
allen screw	M18 (SW 10 mm)	

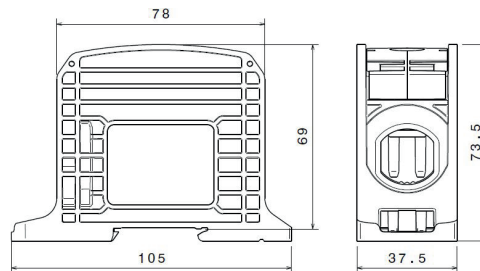
no. of connections: 1 x 10 mm ² (all conductor types)		
10 mm ²		-
6 mm ²	1,2 Nm	1,2 Nm
4 mm ²		
2,5 mm ²		-
1,5 mm ²		-
stripping length	10 mm	
screw	M4 (+/- PZ2)	

no. of connections: 1 x AWG 8 (all conductor types)		
AWG 8		-
AWG 10	2,3 Nm	2,3 Nm
AWG 12		
AWG 14		-
AWG 16		-
stripping length	10 mm	
screw	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):	37,5 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)
087810-0-3	L G	light grey RAL 7035	1 / 12	4051589878104
087810-1-3	N	light blue RAL 5012	1 / 12	4051589878111
087810-2-3	PE	yellow-green RAL 6018	1 / 12	4051589878128
087810-3-3	LB	clay brown RAL 8003	1 / 12	4051589878135
087810-4-3	LS	jet black RAL 9005	1 / 12	4051589878142

HORA-Werk GmbH

Lange Strasse 65, D - 32257 Bünde, Phone: +49 (0) 52 23 / 49 80 - 0

E-mail: info@hora-werk.com, Internet: www.hora-werk.com