

Technical Data Sheet

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

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1 CE FI	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 353 A	Cu 310 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)				no. of connections: 2 x 350 kcmil (all conductor types)			
		Cu				Cu		
								
	185 mm ²	25 Nm	-			350 kcmil	28,2 Nm	-
	150 mm ²	25 Nm	25 Nm			300 kcmil	28,2 Nm	-
	120 mm ²	25 Nm	25 Nm			250 kcmil	28,2 Nm	-
	95 mm ²	25 Nm	25 Nm			AWG 3/0	28,2 Nm	-
	70 mm ²	-	25 Nm			AWG 2/0	-	-
	stripping length	29 mm				stripping length	29 mm	
	allen screw	M18 (SW 10 mm)				allen screw	M18 (SW 10 mm)	

Measurement connection:	no. of connections: 1 x 10 mm ² (all conductor types)				no. of connections: 1 x AWG 8 (all conductor types)			
	10 mm ²	1,2 Nm	-		AWG 8	2,3 Nm	-	
	6 mm ²	1,2 Nm	1,2 Nm		AWG 10	2,3 Nm	2,3 Nm	
	4 mm ²	1,2 Nm	1,2 Nm		AWG 12	2,3 Nm	2,3 Nm	
	2,5 mm ²	1,2 Nm	1,2 Nm		AWG 14	2,3 Nm	2,3 Nm	
	1,5 mm ²	1,2 Nm	1,2 Nm		AWG 16	2,3 Nm	2,3 Nm	
	stripping length	10 mm				stripping length	10 mm	
	screw	M4 (+/- PZ2)				screw	M4 (+/- PZ2)	



compact stranded

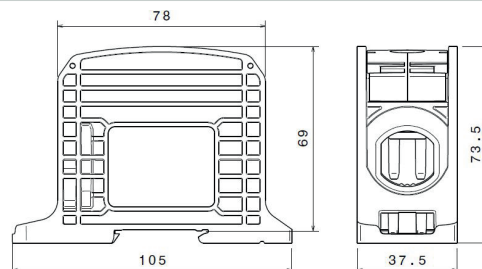


fine stranded with ferrule

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): 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	L B	clay brown RAL 8003	1 / 12	4051589878135
087810-4-3	L S	jet black RAL 9005	1 / 12	4051589878142

Leipold Group

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Technical Data Sheet

11.01.2017

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

Remarks:	The product is compliant with the EC ROHS directives	
Standards:	IEC 60947-7-1 CE FI	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 353 A	Cu 310 A
Bemessungsquerschnitt:	185 mm ²	350 kcmil
Bemessungsstoßspannung:	8 kV	
Verschmutzungsgrad:	3	
Überspannungskategorie:	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)			
		Cu				Cu		
								
	185 mm ²	25 Nm	-			350 kcmil	28,2 Nm	-
	150 mm ²	25 Nm	25 Nm			300 kcmil	28,2 Nm	-
	120 mm ²	25 Nm	25 Nm			250 kcmil	28,2 Nm	-
	95 mm ²	25 Nm	25 Nm			AWG 3/0	28,2 Nm	-
	70 mm ²	-	25 Nm			AWG 2/0	-	-
	stripping length	29 mm				stripping length	29 mm	
	allen screw	M18 (SW 10 mm)				allen screw	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)			
	10 mm ²	1,2 Nm	-		AWG 8	2,3 Nm	-	
	6 mm ²	1,2 Nm	1,2 Nm		AWG 10	2,3 Nm	2,3 Nm	
	4 mm ²	1,2 Nm	1,2 Nm		AWG 12	2,3 Nm	2,3 Nm	
	2,5 mm ²	1,2 Nm	1,2 Nm		AWG 14	2,3 Nm	2,3 Nm	
	1,5 mm ²	1,2 Nm	1,2 Nm		AWG 16	2,3 Nm	2,3 Nm	
	stripping length	10 mm				stripping length	10 mm	
	screw	M4 (+/- PZ2)				screw	M4 (+/- PZ2)	



compact stranded

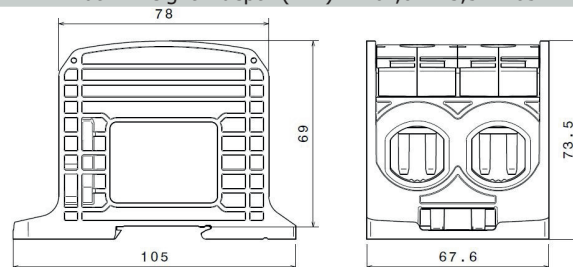


fine stranded with ferrule

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): 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 / 4	4051589878203
087820-1-3	N	light blue RAL 5012	1 / 4	4051589878210
087820-2-3	PE	yellow-green RAL 6018	1 / 4	4051589878227
087820-3-3	L B	clay brown RAL 8003	1 / 4	4051589878234
087820-4-3	L S	jet black RAL 9005	1 / 4	4051589878241

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