

Technical Data Sheet

Description:	Main Line Branch Terminal 35 mm ² "double block" – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080220-x-3

Remarks: The product is compliant with the EC ROHS directives

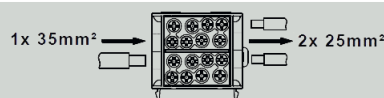
Standards: IEC 60947-7-1, IEC 61238-1 (Class A)



Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 428 A (4x25mm²); 125 A (1x35mm²) as per IEC 60947-7-1

Al 125 A (1x35mm²)* as per IEC 61238-1 (Class A)



* Approved with Reko SFS 4880 (manufactured by Reka Cables Ltd)

Power loss: Tested by SGS Fimko Ltd (FI) (see chart 1)

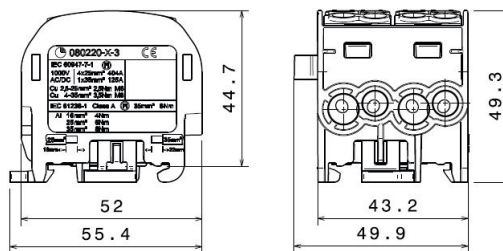
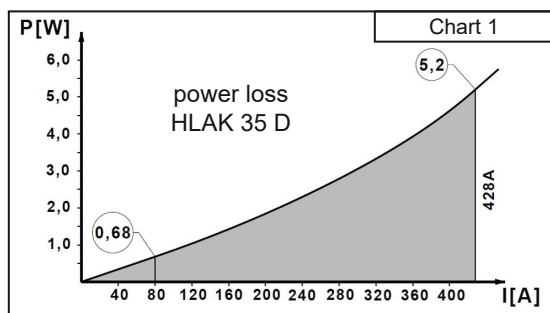
Terminal cross section:

	4 x 35 mm ² (round conductor)			4 x 25 mm ² (round conductor)		
	Cu		Al	Cu		Al
35 mm ²	3,5 Nm	-	8 Nm	-	-	-
25 mm ²	3,5 Nm	3,5 Nm	6 Nm	2,5 Nm	-	6 Nm
16 mm ²	3,5 Nm	3,5 Nm	4 Nm	2,5 Nm	2,5 Nm	4 Nm
10 mm ²	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
6 mm ²	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
4 mm ²	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
2,5 mm ²	-	3,5 Nm	-	2,5 Nm	2,5 Nm	-
1,5 mm ²	-	-	-	-	2,5 Nm	-
stripping length	22 mm			18 mm		
screw	M8 (+/- PZ2)			M6 (+/- PZ2)		

Materials:
 Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn
 Housing: PA 6 (Halogen-free)
 Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 49,9 x 49,3 x 55,4



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080220-0-3	L G	light grey RAL 7035	2	4051589022033
080220-1-3	N	light blue RAL 5012	2	4051589022132
080220-2-3	PE	yellow-green RAL 6018	2	4051589022231
080220-3-3	L B	clay brown RAL 8003	2	4051589022330
080220-4-3	L S	jet black RAL 9005	2	4051589022439
080220-5-3	R	beige red RAL 3012	2	4051589022538

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Technical Data Sheet

Description:	Main Line Branch Terminal 35 mm ² "double block" – 1 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080220-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: VDE Certification as per DIN VDE 0603-2, EN 60947-7-1
  

Nominal Voltage: 1.000 V AC / 1.000 V DC

Nominal current: Cu 428 A (4x25mm²); 125 A (1x35mm²) as per IEC 60947-7-1

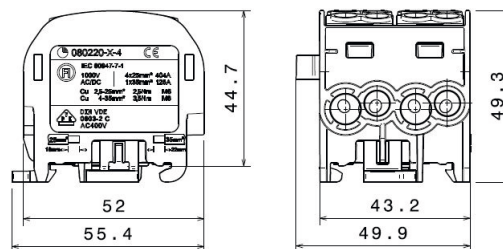
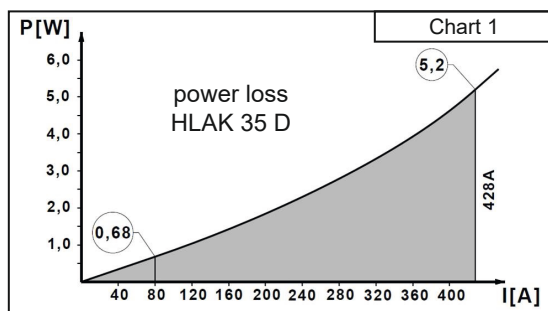
Power loss: Tested by SGS Fimko Ltd  (see chart 1)

Terminal cross section:	4 x 35 mm ² (round conductor)		4 x 25 mm ² (round conductor)	
	Cu		Cu	
				
35 mm ²	3,5 Nm	-	-	-
25 mm ²	3,5 Nm	3,5 Nm	2,5 Nm	-
16 mm ²	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
10 mm ²	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
6 mm ²	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
4 mm ²	3,5 Nm	3,5 Nm	2,5 Nm	2,5 Nm
2,5 mm ²	-	3,5 Nm	2,5 Nm	2,5 Nm
1,5 mm ²	-	-	-	2,5 Nm
stripping length	22 mm		18 mm	
screw	M8 (+/- PZ2)		M6 (+/- PZ2)	

Materials: Terminal body: brass (CuZn39Pb2) bright
Housing: PA 6 (Halogen-free)
Screws: steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 49,9 x 49,3 x 55,4



Design				
Basic housing colour – light grey RAL 7035				
Part no.	Design	Cover colour	PU	GTIN (EAN)
080220-0-4	L „G“	light grey RAL 7035	2	4051589802208
080220-1-4	N	light blue RAL 5012	2	4051589802215
080220-2-4	PE	yellow-green RAL 6018	2	4051589802222
080220-3-4	L „B“	clay brown RAL 8003	2	4051589802239
080220-4-4	L „S“	jet black RAL 9005	2	4051589802246
080220-4-5	R	beige red RAL 3012	2	4051589802253