

# Technical Data Sheet

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 3 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080130-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 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1  
Al 100 A (1x25mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

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

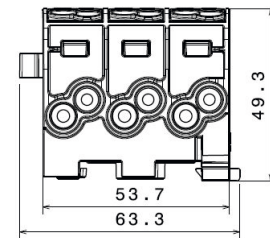
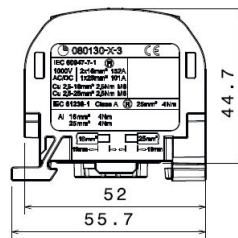
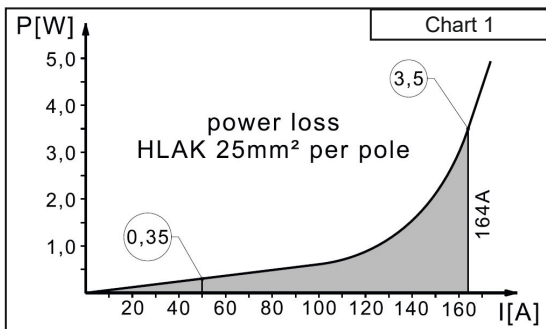
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 25 mm <sup>2</sup> (round conductor)			2 x 16 mm <sup>2</sup> (round conductor)		
		Cu	Al		Cu	Al
	25 mm <sup>2</sup>				-	-
16 mm <sup>2</sup>	2,5 Nm	2,5 Nm	4 Nm	2,5 Nm	-	4 Nm
10 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	2,5 Nm	2,5 Nm	-
6 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	2,5 Nm	2,5 Nm	-
4 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	2,5 Nm	2,5 Nm	-
2,5 mm <sup>2</sup>	2,5 Nm	2,5 Nm	-	2,5 Nm	2,5 Nm	-
1,5 mm <sup>2</sup>	-	2,5 Nm	-	-	2,5 Nm	-
stripping length	19 mm			19 mm		
screw	M6 (+/- 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): 63,3 x 49,3 x 55,7



Design					
Basic housing colour – light grey RAL 7035					
Part no.	Design	Cover colour		PU	GTIN (EAN)
080130-0-3	3L G			2	4051589013031
080130-1-3	L G / N / PE			2	4051589013130
080130-2-3	PE / L G / N			2	4051589013239
080130-3-3	2L G / N			2	4051589013338
080130-4-3	2L G / PE			2	4051589013437
080130-5-3	3L BSG			2	4051589013536

# Technical Data Sheet



15.01.2018

Description:	Main Line Branch Terminal 25 mm <sup>2</sup> – 3 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080130-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 152 A (2x16mm<sup>2</sup>); 101 A (1x25mm<sup>2</sup>) as per IEC 60947-7-1

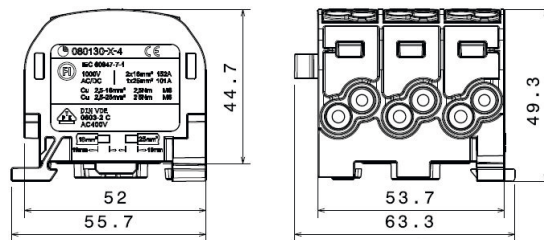
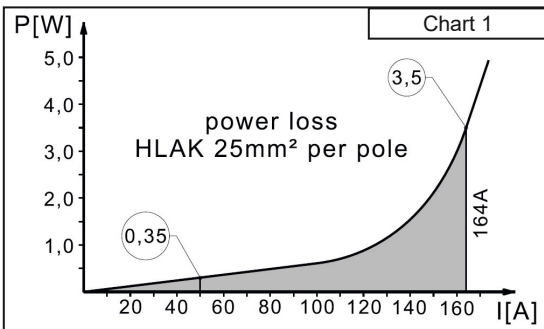
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 25 mm <sup>2</sup> (round conductor)		2 x 16 mm <sup>2</sup> (round conductor)	
	Cu		Cu	
25 mm <sup>2</sup>	2,5 Nm	-	-	-
16 mm <sup>2</sup>	2,5 Nm	2,5 Nm	2,5 Nm	-
10 mm <sup>2</sup>	2,5 Nm	2,5 Nm	2,5 Nm	2,5 Nm
6 mm <sup>2</sup>	2,5 Nm	2,5 Nm	2,5 Nm	2,5 Nm
4 mm <sup>2</sup>	2,5 Nm	2,5 Nm	2,5 Nm	2,5 Nm
2,5 mm <sup>2</sup>	2,5 Nm	2,5 Nm	2,5 Nm	2,5 Nm
1,5 mm <sup>2</sup>	-	2,5 Nm	-	2,5 Nm
stripping length	19 mm		19 mm	
screw	M6 (+/- 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): 63,3 x 49,3 x 55,7



Design						
Basic housing colour – light grey RAL 7035						
Part no.	Design	Cover colour			PU	GTIN (EAN)
080130-0-4	3L				2	4051589801300
080130-1-4	L / N / PE				2	4051589801317
080130-2-4	PE / L / N				2	4051589801324
080130-3-4	2L / N				2	4051589801331
080130-4-4	2L / PE				2	4051589801348
080130-5-4	3L BSG				2	4051589801355