

# Technical Data Sheet

Description:	Main Line Branch Terminal 35 mm <sup>2</sup> – 5 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080250-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 202 A (2x25mm<sup>2</sup>); 125 A (1x35mm<sup>2</sup>) as per IEC 60947-7-1  
Al 125 A (1x35mm<sup>2</sup>)\* as per IEC 61238-1 (Class A)

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

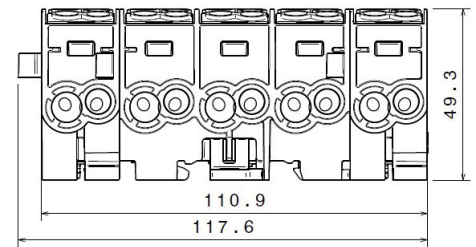
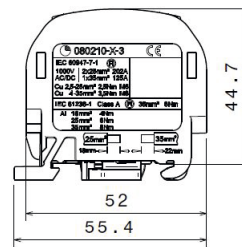
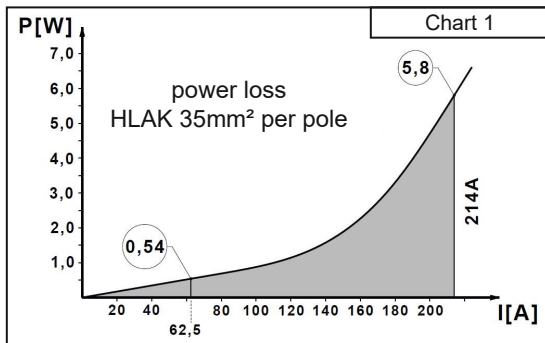
**Power loss:** Tested by SGS Fimko Ltd (FI) (see chart 1)

Terminal cross section: ( per pole )	2 x 35 mm <sup>2</sup> (Rundleiter)			2 x 25 mm <sup>2</sup> (round conductor)		
	Cu		Al	Cu		Al
	35 mm <sup>2</sup>		-		-	-
25 mm <sup>2</sup>	3,5 Nm	3,5 Nm	6 Nm	2,5 Nm	-	6 Nm
16 mm <sup>2</sup>	3,5 Nm	3,5 Nm	4 Nm	2,5 Nm	2,5 Nm	4 Nm
10 mm <sup>2</sup>	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
6 mm <sup>2</sup>	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
4 mm <sup>2</sup>	3,5 Nm	3,5 Nm	-	2,5 Nm	2,5 Nm	-
2,5 mm <sup>2</sup>	-	3,5 Nm	-	2,5 Nm	2,5 Nm	-
1,5 mm <sup>2</sup>	-	-	-	-	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): 117,6 x 49,3 x 55,4



Design							
Basic housing colour – light grey RAL 7035							
Part no.	Design	Cover colour				PU	GTIN (EAN)
080250-0-3	5L					1	4051589025034
080250-1-3	3L / N / PE					1	4051589025133
080250-2-3	N / 3L / PE					1	4051589025232
080250-3-3	PE / 3L / N					1	4051589025331
080250-4-3	3L / PE / N					1	4051589025430
080250-5-3	PE / 3L "BSG" / N					1	4051589025539