

Technical Data Sheet



15.01.2018

Description:	Main Line Branch Terminal 35 mm ² – 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 (2x25mm²); 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)

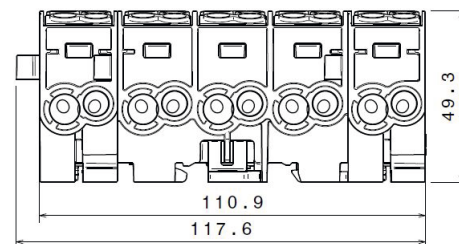
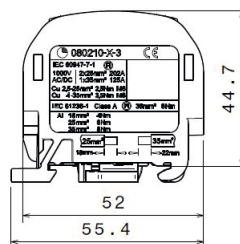
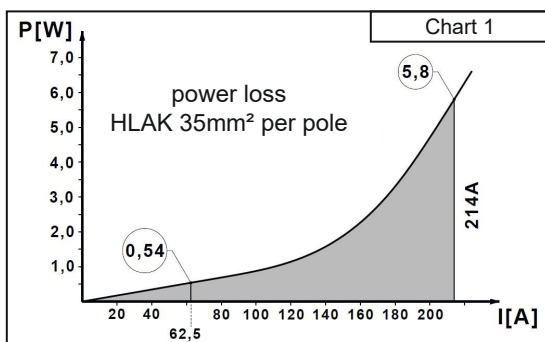
Terminal cross section:
(per pole)

	2 x 35 mm ² (Rundleiter)			2 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): 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	

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Technical Data Sheet

Description:	Main Line Branch Terminal 35 mm ² – 5 pole (Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080250-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 202 A (2x25mm²); 125 A (1x35mm²) as per IEC 60947-7-1

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

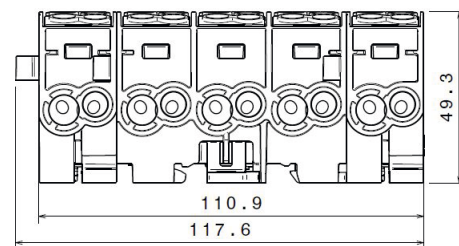
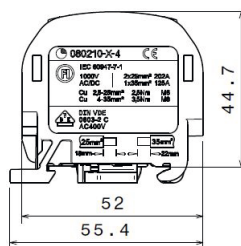
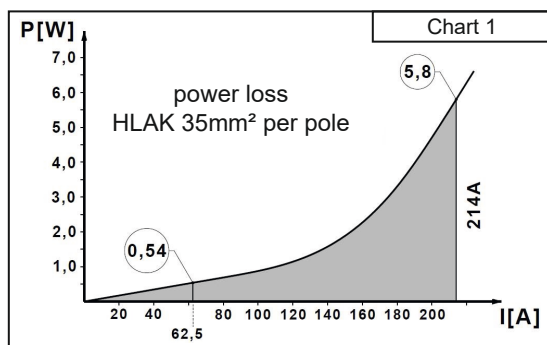
Terminal cross section:
(per pole)

	2 x 35 mm ² (Rundleiter)		2 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): 117,6 x 49,3 x 55,4



Design								
Basic housing colour – light grey RAL 7035								
Part no.	Design	Cover colour					PU	GTIN (EAN)
080250-0-4	5L						1	4051589802505
080250-1-4	3L / N / PE						1	4051589802512
080250-2-4	N / 3L / PE						1	4051589802529
080250-3-4	PE / 3L / N						1	4051589802536
080250-4-4	3L / PE / N						1	4051589802543
080250-5-4	PE / 3L "BSG" / N						1	4051589802550