

## Technical data

Description:	Power distribution block UVB 100 (Al/Cu)
Construction:	all-side fingersafe IP 20, modular system, bridgeable
Item no. :	080010-x-3

19.04.2021

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1, IEC 61238-1






Nominal Voltage: 1.000 V AC

Nominal current: Cu 101 A, Al 100 A

Rated cross-section: 25 mm<sup>2</sup>

Terminal cross section:

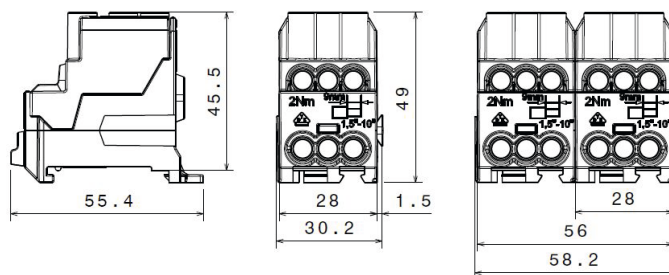
	IEC 60947-7-1		IEC 61238-1	
	Cu		Al	
				
<b>2 x 25 mm<sup>2</sup></b>	(all conductor types)			
25 mm <sup>2</sup>	3 Nm	-	4 Nm	
16 mm <sup>2</sup>		3 Nm		-
10 mm <sup>2</sup>				
6 mm <sup>2</sup>				
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>	-	-	-	
1,5 mm <sup>2</sup>	-	-	-	
stripping length	17 mm			
screw	2 x M6 +/- PZ2			
<b>6 x 10 mm<sup>2</sup></b>	(all conductor types)			
10 mm <sup>2</sup>	2 Nm	-	-	
6 mm <sup>2</sup>		2 Nm		-
4 mm <sup>2</sup>				
2,5 mm <sup>2</sup>				
1,5 mm <sup>2</sup>	-	-	-	
stripping length	9 mm			
screw	M5 +/- PZ2			

 compact stranded  fine stranded with ferrule

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): 30,2 x 49 x 55,4



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080010-0-3	L "G"	light grey RAL 7035	3/54	4051589001038
080010-1-3	N	light blue RAL 5012	3/54	4051589001137
080010-2-3	PE	yellow-green RAL 6018	3/54	4051589001236
080010-3-3	L "B"	clay brown RAL 8003	3/54	4051589001335
080010-4-3	L "S"	jet black RAL 9005	3/54	4051589001434

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## Technical data

Description:	Power distribution block UVB 100 (Cu)
Construction:	all-side fingersafe IP 20, modular system, bridgeable
Item no. :	080010-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1



Nominal Voltage: 1.000 V AC

Nominal current: Cu 101 A

Rated cross-section: 25 mm<sup>2</sup>

Terminal cross section:

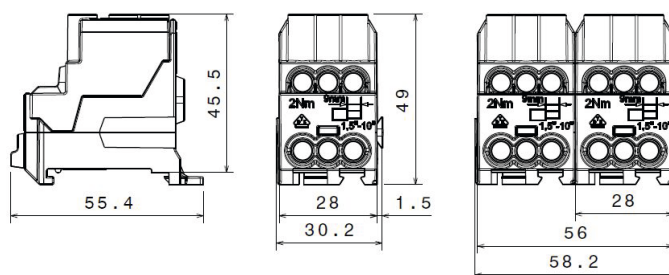
IEC 60947-7-1	
Cu	
<b>2 x 25 mm<sup>2</sup></b>	(all conductor types)
25 mm <sup>2</sup>	-
16 mm <sup>2</sup>	-
10 mm <sup>2</sup>	3 Nm
6 mm <sup>2</sup>	3 Nm
4 mm <sup>2</sup>	3 Nm
2,5 mm <sup>2</sup>	-
1,5 mm <sup>2</sup>	-
stripping length	17 mm
screw	2 x M6 +/- PZ2
<b>6 x 10 mm<sup>2</sup></b>	(all conductor types)
10 mm <sup>2</sup>	-
6 mm <sup>2</sup>	-
4 mm <sup>2</sup>	2 Nm
2,5 mm <sup>2</sup>	2 Nm
1,5 mm <sup>2</sup>	2 Nm
stripping length	9 mm
screw	M5 +/- PZ2

compact stranded fine stranded with ferrule

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): 30,2 x 49 x 55,4



### Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080010-0-4	L "G"	light grey RAL 7035	3/54	4051589800105
080010-1-4	N	light blue RAL 5012	3/54	4051589800112
080010-2-4	PE	yellow-green RAL 6018	3/54	4051589800129
080010-3-4	L "B"	clay brown RAL 8003	3/54	4051589800136
080010-4-4	L "S"	jet black RAL 9005	3/54	4051589800143