

Technical data

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

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 mm²

Terminal cross section:

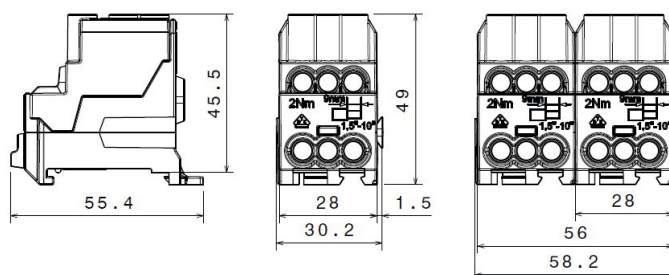
	IEC 60947-7-1		IEC 61238-1
	Cu		Al
2 x 25 mm²	(all conductor types)		
25 mm ²	3 Nm	-	4 Nm
16 mm ²		3 Nm	
10 mm ²			
6 mm ²			
4 mm ²			
2,5 mm ²	-	-	
1,5 mm ²	-	-	
stripping length	17 mm		
screw	2 x M6 +/- PZ2		
6 x 10 mm²	(all conductor types)		
10 mm ²	2 Nm	-	-
6 mm ²		2 Nm	
4 mm ²			
2,5 mm ²			
1,5 mm ²	-	-	
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

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 mm²

Terminal cross section:

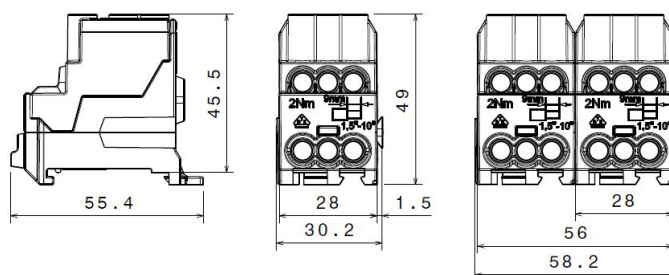
IEC 60947-7-1	
Cu	
2 x 25 mm²	(all conductor types)
25 mm ²	-
16 mm ²	-
10 mm ²	3 Nm
6 mm ²	3 Nm
4 mm ²	3 Nm
2,5 mm ²	-
1,5 mm ²	-
stripping length	17 mm
screw	2 x M6 +/- PZ2
6 x 10 mm²	(all conductor types)
10 mm ²	-
6 mm ²	-
4 mm ²	2 Nm
2,5 mm ²	2 Nm
1,5 mm ²	2 Nm
stripping length	9 mm
screw	M5 +/- 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

Technical data

Description:	Power distribution block UVB 200 (Al/Cu)
Construction:	all-side fingersafe IP 20, modular system, bridgeable
Item no. :	080030-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 / 1.500 V DC

Nominal current: Cu 192 A, Al 170 A

Rated cross-section: 70 mm²




Impulse withstand voltage: 8 kV

Pollution degree: 3

Surge voltage category: III

CTI value: 550

Terminal cross section:

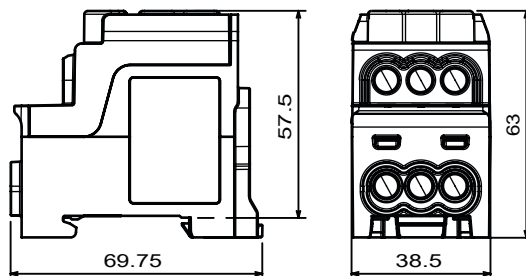
	IEC 60947-7-1		IEC 61238-1	
	Cu		Al	
				
1 x 70 mm²	(all conductor types)			
70 mm ²	10 Nm	-	12 Nm	
50 mm ²		10 Nm		-
35 mm ²				
25 mm ²				
16 mm ²				
10 mm ²	-	-		
6 mm ²	-	-		
stripping length	27 mm			
screw	2 x M10			
1 x 35 mm²	(all conductor types)			
35 mm ²	6 Nm	-	-	
25 mm ²		6 Nm		-
16 mm ²				
10 mm ²				
6 mm ²				
4 mm ²	-	-		
2,5 mm ²	-	-		
stripping length	25 mm			
screw	2 x M8			
6 x 16 mm²	(all conductor types)			
16 mm ²	3 Nm	-	10 Nm	
10 mm ²		3 Nm	-	
6 mm ²				
4 mm ²				
2,5 mm ²				
1,5 mm ²	-	-		
stripping length	12,5 mm			
screw	M6			

 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): 38,5 x 63 x 69,75



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080030-0-3	L "G"	light grey RAL 7035	3/18	4051589003032
080030-1-3	N	light blue RAL 5012	3/18	4051589003131
080030-2-3	PE	yellow-green RAL 6018	3/18	4051589003230
080030-3-3	L "B"	clay brown RAL 8003	3/18	4051589003339
080030-4-3	L "S"	jet black RAL 9005	3/18	4051589003438

Technical data

Description:	Power distribution block UVB 200 (Cu)
Construction:	all-side fingersafe IP 20, modular system, bridgeable
Item no. :	080030-x-4

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60947-7-1



Nominal Voltage: 1.000 V AC / 1.500 V DC

Nominal current: Cu 192 A

Rated cross-section: 70 mm²

Impulse withstand voltage: 8 kV

Pollution degree: 3

Surge voltage category: III

CTI value: 550

Terminal cross section:

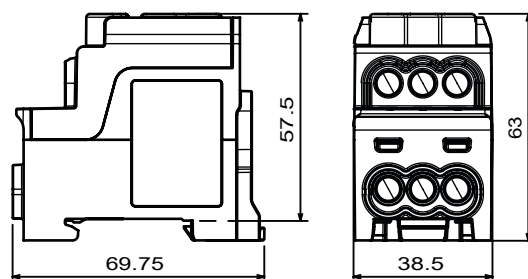
IEC 60947-7-1		
Cu		
1 x 70 mm²	(all conductor types)	
70 mm ²	10 Nm	-
50 mm ²		10 Nm
35 mm ²		
25 mm ²		
16 mm ²		
10 mm ²		
6 mm ²	-	-
stripping length	27 mm	
screw	2 x M10	
1 x 35 mm²	(all conductor types)	
35 mm ²	6 Nm	-
25 mm ²		6 Nm
16 mm ²		
10 mm ²		
6 mm ²		
4 mm ²		
2,5 mm ²	-	-
stripping length	25 mm	
screw	2 x M8	
6 x 16 mm²	(all conductor types)	
16 mm ²	3 Nm	-
10 mm ²		3 Nm
6 mm ²		
4 mm ²		
2,5 mm ²		
1,5 mm ²		
stripping length	12,5 mm	
screw	M6	

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): 38,5 x 63 x 69,75



Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080030-0-4	L "G"	light grey RAL 7035	3/18	4051589800303
080030-1-4	N	light blue RAL 5012	3/18	4051589800310
080030-2-4	PE	yellow-green RAL 6018	3/18	4051589800327
080030-3-4	L "B"	clay brown RAL 8003	3/18	4051589800334
080030-4-4	L "S"	jet black RAL 9005	3/18	4051589800341