Product image

Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Version	Potential distributor terminal, Screw connection, Light Grey, 25 mm², 101 A, 1000 V, Number of connections: 10, Number of levels: 1
Order No.	1561910000
Type	WPD 100 2X25/6X10 GY
GTIN (EAN)	4050118367218
Qty.	3 items

WPD 100 2X25/6X10 GY

Technical data

Approvals

Approvals	CE DNV FI VDE
ROHS	Conform

Dimensions and weights

Depth	49 mm	Depth (inches)	1.9291 inch
Height	55.4 mm	Height (inches)	2.1811 inch
Width	30.2 mm	Width (inches)	1.189 inch
Net weight	102 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...85 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

Material data

Basic material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	closed	Installation advice	Terminal rail / mounting plate
Explosion-tested version	Yes	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection

WPD 100 2X25/6X10 GY

Technical data

Number of connections	10	Clamping range, max.	25 mm²
Clamping range, min.	1.5 mm²	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross section, finely stranded, max.	0 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²	Connection cross-section, stranded, max.	25 mm²
Connection cross-section, stranded, min.	1.5 mm²	Wire connection cross-section, solid core, max.	25 mm²
Wire connection cross-section, solid core, min.	1.5 mm²		

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 4
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60998-2-1	Mounting rail	TS 35

Rating data

Rated cross-section	25 mm²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	101 A	Current at maximum wires	101 A
Standards	IEC 60998-2-1		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

WPD 100 2X25/6X10 GY

Drawings
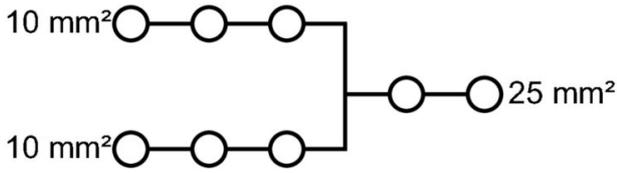
Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

OInput (x2)	Copper		Aluminum
2x25 mm²			
25 mm²			4 Nm
16 mm²			
10 mm²	3 Nm		
6 mm²		3 Nm	
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths		17 mm	
screw		M6 (+/- PZ2)	

Output (x6)	Copper		Aluminum
6x10 mm²			
10 mm²			
6 mm²			
4 mm²	2 Nm	2 Nm	3 Nm
2.5 mm²			
1.5 mm²			
Stripping lengths		9 mm	
screw		M5 (+/- PZ2)	

Stranded   Solid   Flexible with ferrule
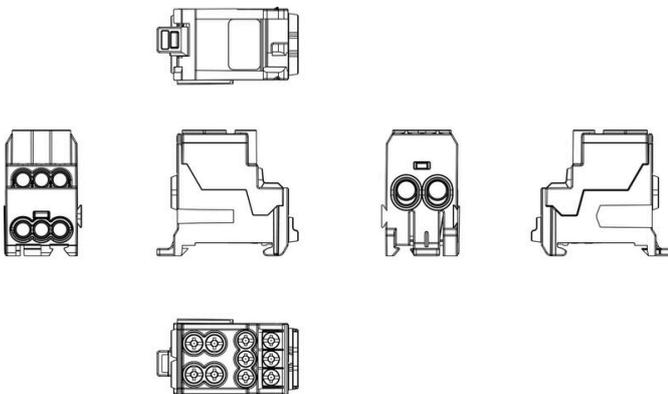
Weidmüller

Accessories

Crosshead screwdriver Pozidriv
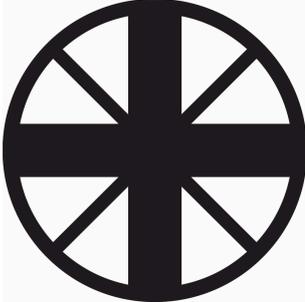
Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PZ2	Version	
Order No.	9008540000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056538		
Qty.	1 ST		