Data sheet

WPD 202 4X35/4X25 BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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, blue, 35 mm², 202 A, 1000 V, Number of connections: 8, Number of levels: 1
Order No.	1561700000
Type	WPD 202 4X35/4X25 BL
GTIN (EAN)	4050118366761
Qty.	2 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	49.3 mm	Depth (inches)	1.9409 inch
Height	55.4 mm	Height (inches)	2.1811 inch
Width	44.4 mm	Width (inches)	1.748 inch
Net weight	184 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	blue
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	Yes
PE function	No	PEN function	No

Additional technical data

With snap-in pegs	Yes	Open sides	closed
Snap-on	Yes	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

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Number of connections	8	Clamping range, max.	35 mm²
Clamping range, min.	2.5 mm²	Wire connection cross section AWG, min.	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm²	Wire connection cross-section, finely stranded, max.	0 mm²
Wire connection cross section, finely stranded, min.	2.5 mm²	Connection cross-section, stranded, max.	35 mm²
Connection cross-section, stranded, min.	2.5 mm²	Wire connection cross-section, solid core, max.	35 mm²
Wire connection cross-section, solid core, min.	2.5 mm²		

General

Number of poles	8	Wire connection cross section AWG, max.	AWG 4
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 14
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	Mounting rail	TS 35

Rating data

Rated cross-section	35 mm²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	202 A	Current at maximum wires	202 A
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2	Power loss in accordance with IEC 60947-7-x	1.90 mW

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		

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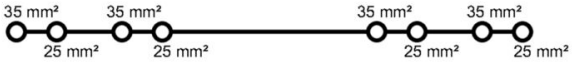
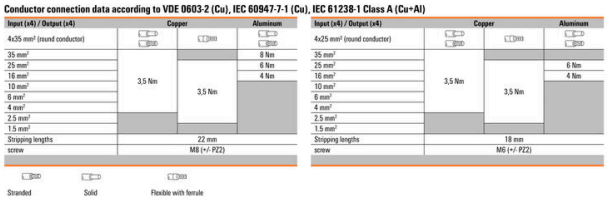
Drawings





Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	31 Lb In		70.8 Lb In			
AWG 6		31 Lb In	53 Lb In	22.1 Lb In	22.1 Lb In	53 Lb In
AWG 8			53 Lb In			35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

Stranded Solid Flexible with ferrule

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	3.5 Nm		8 Nm			
AWG 6		3.5 Nm	6 Nm	3.5 Nm	3.5 Nm	6 Nm
AWG 8			4 Nm			4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

Stranded Solid Flexible with ferrule

