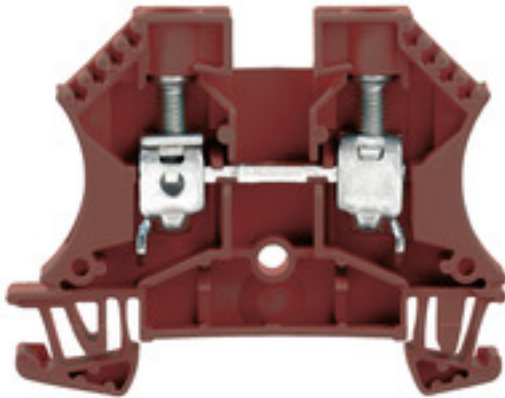


WDU 10 BR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw / solder connection, 10 mm ² , 1000 V, 57 A, Number of connections: 2
Order No.	2821630000
Type	WDU 10 BR
GTIN (EAN)	4064675359357
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Height	60 mm	Height (inches)	2.362 inch
Width	9.9 mm	Width (inches)	0.39 inch
Net weight	17.6 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	brown
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
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	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	Yes	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	1.31 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Twin wire-end ferrules, max.	6 mm ²	Twin wire-end ferrules, min.	1.5 mm ²
Type of connection	Screw / solder connection	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²		

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Technical data

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16

Rating data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	57 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Approvals

Approvals



Downloads

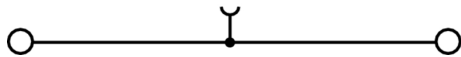
Approval/Certificate/Document of Conformity	UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Catalogues	Catalogues in PDF-format

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Drawings



WDU 10 BR**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****2.5-10 mm²****2.5-10**
mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	WAP 2.5-10/0.5MM	Version
Order No.	1966380000	End plate (terminals), 54.5 mm x 0.35 mm, dark beige
GTIN (EAN)	4032248688616	
Qty.	50 pc(s).	

Step-down bridges

Reducing cross-connectors enable simple and fast connection of terminal blocks with different rated cross-sections.

General ordering data

Type	WQV 16N-10	Version
Order No.	1073400000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190855901	Pitch in mm (P): 11.90, Insulated: Yes, 76 A, yellow
Qty.	10 pc(s).	

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Accessories

PEN bridges



A PEN bridge joins separate PE and N conductors into one PEN conductor.

General ordering data

Type	WQB-PEN 10	Version
Order No.	1060300000	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190098346	Pitch in mm (P): 10.00, Insulated: No, 57 A, Silver grey
Qty.	10 pc(s).	

Blank



The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet CONNECT printers.

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WAD 5 MC NE GE	Version
Order No.	1112920000	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 WDU 2.5,
GTIN (EAN)	4032248891771	WEW 35/2, ZEW 35/2, yellow
Qty.	48 pc(s).	