WDU 2.5N/600UL

Product image

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 connection, dark beige, 2.5 mm², 24 A, 800 V, Number of connections: 2
Order No.	1730940000
Type	WDU 2.5N/600UL
GTIN (EAN)	4008190388775
Qty.	100 items

Creation date 27.11.2025 10:38:30 MEZ

WDU 2.5N/600UL

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	42.7 mm	Depth (inches)	1.6811 inch
Depth including DIN rail	43.5 mm	Height	44 mm
Height (inches)	1.7323 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	5.85 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, for screwable cross-connection	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	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Snap-on

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	20 A	Certificate No. (CSA)	12400-380
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Creation date 27.11.2025 10:38:30 MEZ

Data sheet

WDU 2.5N/600UL

Weidmüller

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

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	10 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	4 mm²	Clamping range, min.	0.05 mm²
Clamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	1.5 mm²	Twin wire-end ferrules, max.	1.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Torque level with DMS electric screwdriver	1
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

General

|			
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	24 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

Voltage size B (UR)	600 V	Current size B (UR)	25 A
Conductor size Factory wiring max. (UR)	12 AWG	Current size C (UR)	25 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	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	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		
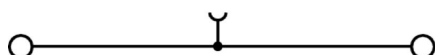
Creation date 27.11.2025 10:38:30 MEZ

Catalogue status / Drawings

WDU 2.5N/600UL

Drawings

Accessories

Cross-connections

The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	WQV 2.5/2	Version
Order No.	1053660000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190031121	poles: 2, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 ST	
Type	WQV 2.5/3	Version
Order No.	1053760000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190058999	poles: 3, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 ST	
Type	WQV 2.5/4	Version
Order No.	1053860000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190049706	poles: 4, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	50 ST	
Type	WQV 2.5/10	Version
Order No.	1054460000	Cross-connector (terminal), when screwed in, yellow, 32 A, Number of
GTIN (EAN)	4008190135089	poles: 10, Pitch in mm (P): 5.10, Insulated: Yes, Width: 7 mm
Qty.	20 ST	

End plates and partition plates

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 WDU2.5N/4N	Version
Order No.	1060000000	End plate for terminals, dark beige, Height: 44 mm, Width: 1.5 mm,
GTIN (EAN)	4008190149154	V-0, Wemid, Snap-on: No
Qty.	50 ST	
Type	WAP WDU2.5N/4N BL	Version
Order No.	1060080000	End plate for terminals, blue, Height: 44 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4008190097172	Wemid, Snap-on: No
Qty.	50 ST	

Creation date 27.11.2025 10:38:30 MEZ

Weidmüller ⇉

Accessories

End bracket
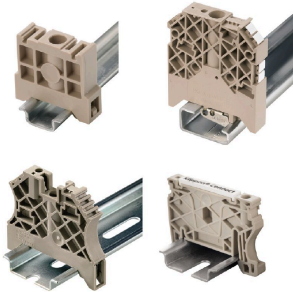
Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| Type	WEW 35/2	Version	
Order No.	1061200000	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 ℃	
GTIN (EAN)	4008190030230		
Qty.	50 ST		

Testadapter and testsockets

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	WTA 1 WDU1.5	Version	
Order No.	1632290000	Test adapter (terminal), 1.5 mm², 250 V, 6 A	
GTIN (EAN)	4008190257361		
Qty.	25 ST		
Type	WTA 1/ZA WDU1.5	Version	
Order No.	1632300000	Test adapter (terminal), 1.5 mm², 250 V, 6 A	
GTIN (EAN)	4008190257354		
Qty.	25 ST		

Warning cover
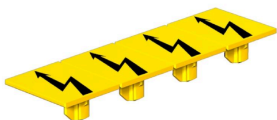
Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

WDU 2.5N/600UL

Accessories

General ordering data

Type	WAD 4 WS	Version	
Order No.	1072100000	Terminal cover, white, PA 66, Height: 19.8 mm, Width: 4.5 mm,	
GTIN (EAN)	4008190446116	Depth: 9.6 mm, V-2	
Qty.	50 ST		
Type	WAD 4 GE BED	Version	
Order No.	1072000000	Terminal cover, yellow, PA 66, Height: 19.8 mm, Width: 4.5 mm,	
GTIN (EAN)	4008190446109	Depth: 9.6 mm, V-2	
Qty.	50 ST		

Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.
• Large range of ready-to-use markers
• Strips for fast installation
• Terminal markers, suitable for all Weidmüller cable connectors
• Available as blank MultiCard or with standard printing
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	DEK 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1000 ST		
Type	WS 12/5 MC NE WS	Version	
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,	
GTIN (EAN)	4008190203481	Allen-Bradley, white	
Qty.	720 ST		

Testadapter and testsockets

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

Creation date 27.11.2025 10:38:30 MEZ

Accessories

General ordering data

Type	STB 8.5/D4/2.3/M2.5 AKZ	Version	
Order No.	0215700000	Accessories, Socket	
GTIN (EAN)	4008190184872		
Qty.	50 ST		

Marker holder
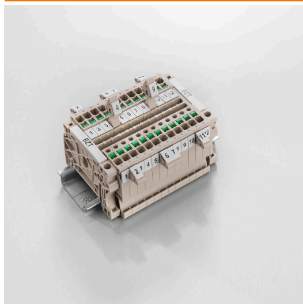
The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version	
Order No.	1805490000	Accessories, Marker holder	
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	1805520000	Accessories, Marker holder	
GTIN (EAN)	4032248270248		
Qty.	100 ST		

WS 12/5

WS/ DEK
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.
Your benefits with MultiMark
• Firm hold and durable printing
• Continuous strips save installation time
• Easy mounting thanks to an innovative composite material
• Large label field for optimal legibility
• High flexibility thanks to manufacturer independence

WDU 2.5N/600UL

Accessories

General ordering data

Type	WS 12/5 MM WS	Version	
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white	
GTIN (EAN)	4050118392036		
Qty.	800 ST		