

**WDU 16N WS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 connection, 16 mm <sup>2</sup> , 690 V, Number of connections: 2
Order No.	<a href="#">2602340000</a>
Type	WDU 16N WS
GTIN (EAN)	4050118653700
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	12 mm	Width (inches)	0.472 inch
Net weight	24.06 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

### Material data

Material	Wemid	Colour	white
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection, for screwable cross-connection	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
Rail	TS 35		

### Additional technical data

Explosion-tested version	Yes	Type of mounting	Snap-on
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### Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

### Conductors for clamping (rated connection)

Number of connections	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 14

### General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14		

### Rating data

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	690 V
Rated DC voltage	690 V	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Power loss in accordance with IEC 60947-7-x	2.43 W		

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## Technical data

### 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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# Accessories

### ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

#### General ordering data

Type	ZGB 15	Version
Order No.	<a href="#">1636530000</a>	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	
Type	ZGB 30	Version
Order No.	<a href="#">1611930000</a>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmueller, white
Qty.	20 pc(s).	

### SchT group marker carrier



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw.

The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

Inlay tags and protective strips can be found under "Accessories".

#### General ordering data

Type	SCHT 7	Version
Order No.	<a href="#">0517960000</a>	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 pc(s).	

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**Accessories**

**Blank**



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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	WS 12/5 MC NE WS	Version
Order No.	<a href="#">1609860000</a>	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

**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 snapped 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 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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**Accessories**

**W-Series**



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.	<a href="#">1061200000</a>	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

**W-Series**



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

**General ordering data**

Type	WTW EN	Version
Order No.	<a href="#">1058800000</a>	Partition plate (terminal), Intermediate plate, 86 mm x 62 mm, dark beige
GTIN (EAN)	4008190140175	
Qty.	20 pc(s).	

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## Accessories

## 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

**General ordering data**

Type	WS 12/5 MM WS	Version
Order No.	<a href="#">2007190000</a>	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

**PEN bridges**

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

**General ordering data**

Type	WQB PEN 16N	Version
Order No.	<a href="#">107960000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190370107	Pitch in mm (P): 12.00, Insulated: No, 76 A, Silver grey
Qty.	10 pc(s).	
Type	WQV 16N-PEN BL	Version
Order No.	<a href="#">107136000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190279257	Pitch in mm (P): 11.90, Insulated: Yes, 76 A, blue
Qty.	10 pc(s).	

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## Accessories

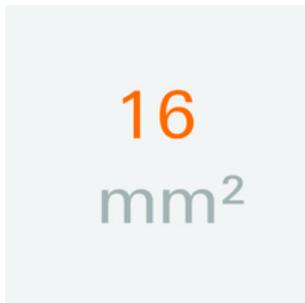
## W-Series



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 2 WDU2.5-10	Version
Order No.	<a href="#">1632320000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 6 A
GTIN (EAN)	4008190257347	
Qty.	25 pc(s).	

16 mm<sup>2</sup>

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	WQV 16N/3	Version
Order No.	<a href="#">1636570000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190272845	Pitch in mm (P): 11.90, Insulated: Yes, 76 A, yellow
Qty.	50 pc(s).	
Type	WQV 16N/2	Version
Order No.	<a href="#">1636560000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190272852	Pitch in mm (P): 11.90, Insulated: Yes, 76 A, yellow
Qty.	50 pc(s).	
Type	WQV 16N/4	Version
Order No.	<a href="#">1636580000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190272838	Pitch in mm (P): 11.90, Insulated: Yes, 76 A, yellow
Qty.	50 pc(s).	

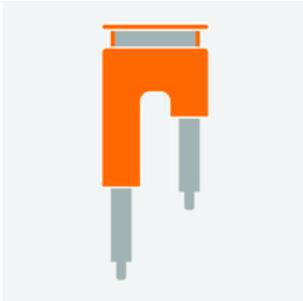
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**Accessories**

**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.	<a href="#">1073400000</a>	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).	

**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.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

**Data sheet**

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**Accessories**

**W-Series**



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.

**General ordering data**

Type	WAD 12N WS	Version
Order No.	<a href="#">1073290000</a>	Terminal cover, PA 66, white, Height: 33.3 mm, Width: 12 mm, Depth:
GTIN (EAN)	4008190852832	7.5 mm
Qty.	50 pc(s).	
Type	WAD 12N GE BED	Version
Order No.	<a href="#">1073200000</a>	Terminal marking, Pitch in mm (P): 12.00, Printed characters: Flash,
GTIN (EAN)	4008190499112	yellow
Qty.	50 pc(s).	