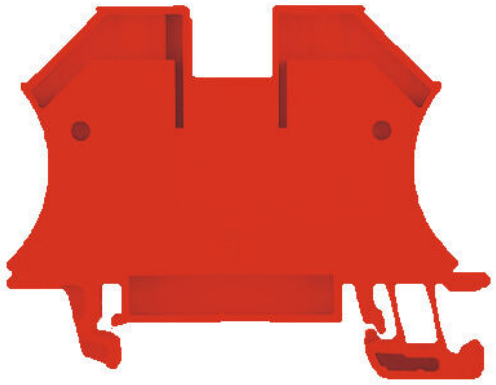
Data sheet

WDU 16N RT

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, red, 16 mm², 690 V, Number of connections: 2
Order No.	2601940000
Type	WDU 16N RT
GTIN (EAN)	4050118653717
Qty.	50 items
Delivery status	Discontinued
Available until	2023-12-30T00:00:00+01:00
Alternative product	WDU 16N

WDU 16N RT

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Height	60 mm	Height (inches)	2.3622 inch
Width	12 mm	Width (inches)	0.4724 inch
Net weight	24.06 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	red
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
Mounting rail	TS 35		

Additional technical data

Type of mounting	Snap-on

Conductors for clamping (rated connection)

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

General

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

Rating data

Rated cross-section	16 mm²	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 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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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 16N/2	Version
Order No.	1636560000	Cross-connector (terminal), when screwed in, yellow, 76 A, Number of
GTIN (EAN)	4008190272852	poles: 2, Pitch in mm (P): 11.90, Insulated: Yes, Width: 7.6 mm
Qty.	50 ST	
Type	WQV 16N/3	Version
Order No.	1636570000	Cross-connector (terminal), when screwed in, yellow, 76 A, Number of
GTIN (EAN)	4008190272845	poles: 3, Pitch in mm (P): 11.90, Insulated: Yes, Width: 7.6 mm
Qty.	50 ST	
Type	WQV 16N/4	Version
Order No.	1636580000	Cross-connector (terminal), when screwed in, yellow, 76 A, Number of
GTIN (EAN)	4008190272838	poles: 4, Pitch in mm (P): 11.90, Insulated: Yes, Width: 7.6 mm
Qty.	50 ST	

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

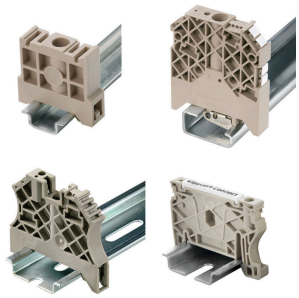
Type	WTW EN	Version
Order No.	1058800000	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
GTIN (EAN)	4008190140175	V-0, Wemid
Qty.	20 ST	

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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 °C
GTIN (EAN)	4008190030230	
Qty.	50 ST	

Testadapter and testsockets

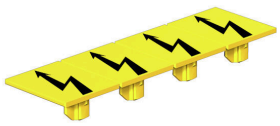


Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	WTA 2 WDU2.5-10	Version
Order No.	1632320000	Test adapter (terminal), 1.5 mm², 250 V, 6 A
GTIN (EAN)	4008190257347	
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.

General ordering data

Type	WAD 12N WS	Version
Order No.	1073290000	Terminal cover, white, PA 66, Height: 33.3 mm, Width: 12 mm,
GTIN (EAN)	4008190852832	Depth: 7.5 mm, V-2
Qty.	50 ST	

WDU 16N RT

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Accessories

Type	WAD 12N GE BED	Version
Order No.	1073200000	Terminal marking, yellow, Pitch in mm (P): 12.00, Printed characters:
GTIN (EAN)	4008190499112	Flash
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.

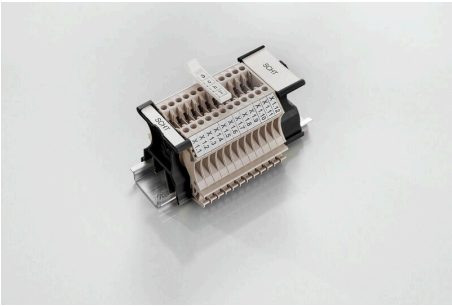
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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	

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

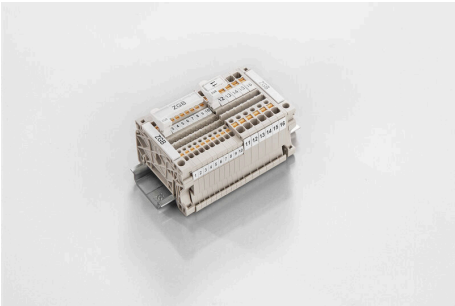
Type	SCHT 7	Version
Order No.	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 ST	

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Accessories

ZGB pivotable group tag holder

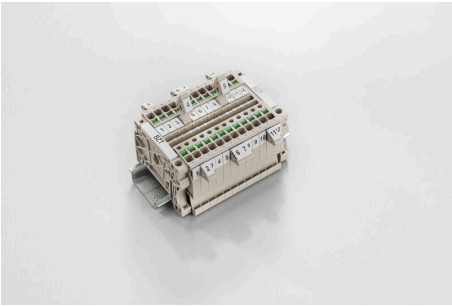


The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.
The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.
Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	ZGB 15	Version
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 ST	
Type	ZGB 30	Version
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmueller, white
Qty.	20 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	

Weidmüller

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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.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 ST	

Cross-connections



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General ordering data

Type	WQV 16N-10	Version
Order No.	1073400000	Cross-connector (terminal), when screwed in, yellow, 76 A, Number of
GTIN (EAN)	4008190855901	poles: 2, Pitch in mm (P): 11.90, Insulated: Yes, Width: 13 mm
Qty.	10 ST	
Type	WQV 16N-PEN BL	Version
Order No.	1071360000	Cross-connector (terminal), when screwed in, blue, 76 A, Number of
GTIN (EAN)	4008190279257	poles: 2, Pitch in mm (P): 11.90, Insulated: Yes, Width: 9 mm
Qty.	10 ST	
Type	WQB PEN 16N	Version
Order No.	1079600000	Cross-connector (terminal), when screwed in, Silver grey, 76 A,
GTIN (EAN)	4008190370107	Number of poles: 2, Pitch in mm (P): 12.00, Insulated: No, Width:
Qty.	10 ST	17.6 mm