

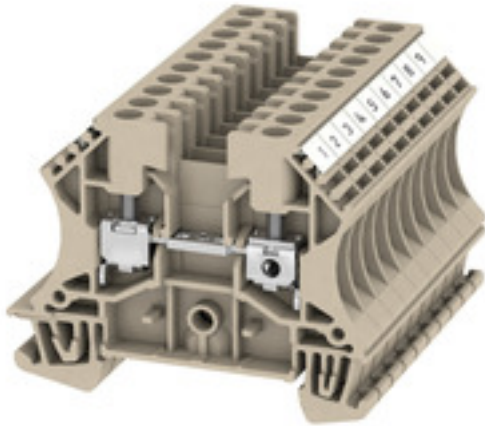
WDU 4/10/BEZ**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	Feed-through terminal, Screw connection, 4 mm ² , 800 V, 32 A, dark beige
Order No.	1020900000
Type	WDU 4/10/BEZ
GTIN (EAN)	4008190172473
Qty.	10 pc(s).

Creation date January 18, 2022 4:39:54 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

WDU 4/10/BEZ

Weidmüller Interface GmbH & Co. KG

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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	6.1 mm	Width (inches)	0.24 inch
Net weight	98.4 g		

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Screw connection, for plug-in cross-connector, 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
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	10
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size B (CSA)	35 A
Current size C (CSA)	35 A	Voltage size C (CSA)	600 V
Wire cross section max. (CSA)	10 AWG	Wire cross section min. (CSA)	26 AWG

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 4 mm²

Conductors for clamping (rated connection)

Clampable conductor	Connection specification	Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U
	min.	0.5 mm ²	
	max.	6 mm ²	
	nominal	4 mm ²	
wire end ferrule	Stripping length	min.	10 mm
		max.	10 mm
nominal		10 mm	
	Tightening torque	min.	0.5 Nm
		max.	1 Nm
	Recommended wire-end ferrule		
Clampable conductor	Connection specification	Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R
	min.	1.5 mm ²	
	max.	6 mm ²	
	nominal	4 mm ²	
wire end ferrule	Stripping length	min.	10 mm
		max.	10 mm
nominal		10 mm	
	Tightening torque	min.	0.5 Nm
		max.	1 Nm
	Recommended wire-end ferrule		
Clampable conductor	Connection specification	Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K
	min.	0.5 Nm	
	max.	6 Nm	
	nominal	4 Nm	
wire end ferrule	Stripping length	min.	10 mm
		max.	10 mm
nominal		10 mm	
	Tightening torque	min.	0.5 Nm
		max.	1 Nm
	Recommended wire-end ferrule		
Clamping screw	M 3		
Connection direction	on side		
Number of connections	2		
Stripping length	10 mm		
Twin wire-end ferrules, max.	2.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Type of connection	Screw connection		
Wire connection cross section, finely stranded, max.	6 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, solid core, max. 6 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

Dimensions

TS 35 offset 32 mm

General

Rail TS 35

Rating data

Rated cross-section 4 mm² Rated voltage 800 V

Rated current 32 A Volume resistance according to IEC 60947-7-x 1 mΩ

Power loss in accordance with IEC 60947-7-x 1.02 W

UL rating data

Certificate No. (UR) E60693 Conductor size Factory wiring max. (UR) 10 AWG

Conductor size Factory wiring min. (UR) 26 AWG Conductor size Field wiring max. (UR) 10 AWG

Conductor size Field wiring min. (UR) 22 AWG Current size C (UR) 35 A

Voltage size C (UR) 600 V

Classifications

ETIM 6.0 EC001284 ETIM 7.0 EC001284

ETIM 8.0 EC001284 ECLASS 9.0 27-14-11-06

ECLASS 9.1 27-14-11-06 ECLASS 10.0 27-14-11-06

ECLASS 11.0 27-14-11-06

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

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Technical data

Downloads

Approval/Certificate/Document of Conformity	IECEX Certificate CB Testreport CB Certificate EAC certificate EAC EX Certificate CCC Ex Certificate CE Declaration of Conformity ATEX Certificate CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI WDU/WPE 4 StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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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.	106120000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

Test sockets



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	STB 21.6/IH/SW WTL6/3	Version
Order No.	107104000	Accessories, Socket
GTIN (EAN)	4008190859985	
Qty.	50 pc(s).	
Type	STB 21.6/IH/GE WTL6/3	Version
Order No.	107101000	Accessories, Socket
GTIN (EAN)	4008190259211	
Qty.	50 pc(s).	
Type	STB 21.6/IH/DB WTL6/3	Version
Order No.	107100000	Accessories, Socket
GTIN (EAN)	4008190259204	
Qty.	50 pc(s).	
Type	STB 21.6/IH/GN WTL6/3	Version
Order No.	107102000	Accessories, Socket
GTIN (EAN)	4008190259228	
Qty.	50 pc(s).	
Type	STB 21.6/IH/RT WTL6/3	Version
Order No.	177899000	Accessories, Socket
GTIN (EAN)	4032248169665	
Qty.	50 pc(s).	

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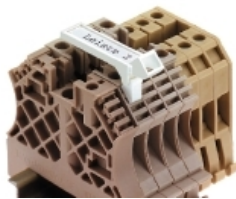
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Accessories

Type	STB 21.6/IH/BL WTL6/3	Version
Order No.	1071080000	Accessories, Socket
GTIN (EAN)	4008190043957	
Qty.	50 pc(s).	
Type	STB 21.6/IH/VI WTL6/3	Version
Order No.	1071030000	Accessories, Socket
GTIN (EAN)	4008190259235	
Qty.	50 pc(s).	
Type	STB 21.6/IH/WS WTL6/3	Version
Order No.	1312520000	Accessories, Socket
GTIN (EAN)	4050118121704	
Qty.	50 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.	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 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 WS	Version
Order No.	1112910000	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 white
GTIN (EAN)	4032248891689	
Qty.	48 pc(s).	

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Accessories

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

Shielding connection



Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

General ordering data

Type	LS 2.8 WDU2.5-10	Version
Order No.	1056400000	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	

DEK 5/6



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	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	

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Accessories

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	STB 8.5/5/2.3/M3 SAK2.5	Version
Order No.	0280600000	Accessories, Socket
GTIN (EAN)	4008190023188	
Qty.	50 pc(s).	

WS 12/6



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 12/6 MM WS	Version
Order No.	2007200000	WS, Terminal marker, 12 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391886	
Qty.	600 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.

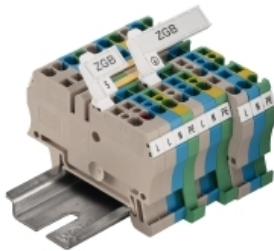
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 12/6 MC NE WS	Version
Order No.	160990000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

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 pc(s).	
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 pc(s).	

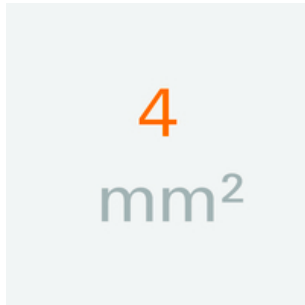
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Accessories

4 mm²



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 4/10	Version
Order No.	1052060000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190054687	
Qty.	20 pc(s).	
Type	WQV 4/4	Version
Order No.	1054660000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190095758	
Qty.	50 pc(s).	
Type	WQV 4/2	Version
Order No.	1051960000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190026486	
Qty.	50 pc(s).	
Type	WQV 4/3	Version
Order No.	1054560000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190168971	
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.	1058800000	W-Series, Partition plate
GTIN (EAN)	4008190140175	
Qty.	20 pc(s).	

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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 16+35 WTW 2.5-10 BL	Version
Order No.	1050180000	W-Series, End plate, Partition plate
GTIN (EAN)	4008190013899	
Qty.	20 pc(s).	
Type	WAP 2.5-10 BL	Version
Order No.	1050080000	W-Series, End plate
GTIN (EAN)	4008190136611	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	1050100000	W-Series, End plate, Partition plate
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	
Type	WAP 2.5-10	Version
Order No.	1050000000	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	

W-Series



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 3/ZA WDU4	Version
Order No.	1632360000	W-Series, Test adapter
GTIN (EAN)	4008190209704	
Qty.	25 pc(s).	
Type	WTA 3 WDU4	Version
Order No.	1632350000	W-Series, Test adapter
GTIN (EAN)	4008190209711	
Qty.	25 pc(s).	

WDU 4/10/BEZ

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Accessories

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 5/6 MC NE WS	Version	
Order No.	1609820000		Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436		Weidmueller, white
Qty.	1,000 pc(s).		

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