



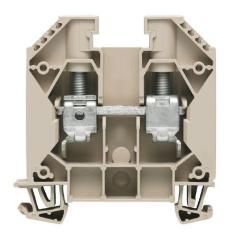
Weidmüller Interface GmbH & Co. KG

1

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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, 16 mm ² , 76 A, 1000 V, Number of connections: 2
Order No.	<u>1028900000</u>
Туре	WDU 16/ZA
GTIN (EAN)	4008190034443
Qty.	50 ST



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Approvals

Approvals





ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Height	60 mm	Height (inches)	2.3622 inch
Width	11.9 mm	Width (inches)	0.4685 inch
Net weight	29.22 g		

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-60 °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

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)	76 A
Wire cross section max. (ATEX)	16 mm²	Max. voltage (IECEX)	690 V
Current (IECEX)	76 A	Wire cross section max. (IECEX)	16 mm²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, for screwable cross- connection, With assembly peg, One end without connector	End cover plate required	Yes	
Number of potentials	1	Number of levels	1	

Creation date 05.07.2025 02:34:40 MEZ

Catalogue status / Drawings 2





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

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	Yes

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	6 mm²	Cross-section for connected wire, solid, two clampable wires, min.	1.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	6 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	1.5 mm ²
Wire cross-section, finely stranded, two clampable wires, max.	6 mm²	Wire connection cross section, finely stranded, two clampable wires, min.	1.5 mm ²
Cross-section for connected wire, stranded, two clampable wires, max.	6 mm ²	Cross-section for connected wire, stranded, two clampable wires, min.	1.5 mm ²

Additional technical data

Open sides	right	Number of similar terminals	1
Explosion-tested version	Yes	Type of mounting	Snap-on

CSA rating data

Wire cross section max. (CSA)	6 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	85 A	Certificate No. (CSA)	200039-1057876
Wire cross section min. (CSA)	18 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B7
Wire connection cross section AWG,	AWG 4
max.	
Connection direction	on side
Tightening torque, max.	4 Nm
Tightening torque, min.	3 Nm
Stripping length	16 mm
Type of connection	Screw connection
Number of connections	2
Clamping range, max.	25 mm ²
Clamping range, min.	0.82 mm ²
Clamping screw	M 5
Blade size	1.0 x 5.5 mm
Wire connection cross section AWG,	AWG 18
min.	
Wire connection cross-section, finely	16 mm ²
stranded with wire-end ferrules DIN	
46228/4, max.	
Wire connection cross-section, finely	1.5 mm ²
stranded with wire-end ferrules DIN	
46228/4, min.	
Wire connection cross-section, finely	16 mm ²
stranded with wire-end ferrules DIN	
46228/1, max.	





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Wire connection cross-section, finely	1.5 mm ²		
stranded with wire-end ferrules DIN 46228/1, min.			
Wire connection cross section, finely stranded, max.	25 mm ²		
Wire connection cross section, finely stranded, min.	1.5 mm ²		
Connection cross-section, stranded, max.	25 mm ²		
Connection cross-section, stranded, mi	n. 1.5 mm²		
Twin wire-end ferrules, max.	10 mm ²		
Twin wire-end ferrules, min.	1.5 mm ²		
Wire connection cross-section, solid core, max.	16 mm²		
Wire connection cross-section, solid core, min.	1.5 mm ²		
Clampable conductor	Connection specification	Screw connection	
•	Cross-section for conductor connection	Туре	solid, H05(07) V-U
		min.	1.5 mm ²
		max.	16 mm²
		nominal	16 mm ²
	wire end ferrule	Stripping length	min. 16 mm
	Time sina isinais	oppg.iong	max. 16 mm
			nominal 16 mm
		Tightening torque	min. 3 Nm
		righterinig torque	max. 4 Nm
	Connection specification	Screw connection	max. + Mili
	Cross-section for conductor connection	Type	stranded, H07V-R
	Cross section for conductor connection	min.	1.5 mm ²
		max.	25 mm ²
		nominal	16 mm ²
	wire end ferrule	Stripping length	min. 16 mm
	wife end ferrule	Suipping length	max. 16 mm
			nominal 16
		Tightening torque	min. 3 Nm
		rigitiering torque	max. 4 Nm
	Connection specification	Screw connection	IIIax. 4 NIII
	Cross-section for conductor connection	Type	flexible, H05(07) V-K
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	25 mm ²
		nominal	16 mm ²
	wire end ferrule		
	wire end leffule	Stripping length	min. 16 mm max. 16 mm
		Tightoning to serve	nominal 16 mm
		Tightening torque	min. 3 Nm
			max. 4 Nm

General

Wire connection cross section AWG,	AWG 4	Wire connection cross section AWG,	AWG 18
max.		min.	
Standards	IEC 60947-7-1	Rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Rated current	76 A

Creation date 05.07.2025 02:34:40 MEZ

Catalogue status / Drawings 4





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Current at maximum wires	101 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Pollution severity	3

UL rating data

Conductor size Factory wiring	max. (UR) 4 AWG	Current size C (UR)	85 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	18 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	18 AWG
Conductor size Field wiring ma	ax. (UR) 4 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		

Data sheet

WDU 16/ZA



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Drawings





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

16 mm²

16 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

Туре	WQV 16/2	Version
Order No.	1053260000	Cross-connector (terminal), when screwed in, yellow, 101 A, Number
GTIN (EAN)	4008190036553	of poles: 2, Pitch in mm (P): 11.90, Insulated: Yes, Width: 10.4 mm
, ,		or poies. 2, Fitch in min (F). 11.90, insulated. 1es, voidin. 10.4 mm
Qty.	50 ST	
Type	WQV 16/3	Version
Order No.	1055160000	Cross-connector (terminal), when screwed in, yellow, 101 A, Number
GTIN (EAN)	4008190149888	of poles: 3, Pitch in mm (P): 11.90, Insulated: Yes, Width: 10.4 mm
Qty.	50 ST	
Туре	WQV 16/4	Version
Type Order No.	WQV 16/4 1055260000	Version Cross-connector (terminal), when screwed in, yellow, 101 A, Number
• •	,	
Order No.	1055260000	Cross-connector (terminal), when screwed in, yellow, 101 A, Number
Order No. GTIN (EAN)	1055260000 4008190037000	Cross-connector (terminal), when screwed in, yellow, 101 A, Number
Order No. GTIN (EAN) Oty.	1055260000 4008190037000 50 ST	Cross-connector (terminal), when screwed in, yellow, 101 A, Number of poles: 4, Pitch in mm (P): 11.90, Insulated: Yes, Width: 10.4 mm
Order No. GTIN (EAN) Qty. Type	1055260000 4008190037000 50 ST WQV 16/10	Cross-connector (terminal), when screwed in, yellow, 101 A, Number of poles: 4, Pitch in mm (P): 11.90, Insulated: Yes, Width: 10.4 mm Version

2.5-10 mm²

2.5-10

 mm^2

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

Туре	WAP 16+35 WTW 2.5-10	Version
Order No.	<u>1050100000</u>	End and partition plate for terminals, dark beige, Height: 56 mm,
GTIN (EAN)	4008190079901	Width: 1.5 mm, V-0, Wemid
Qty.	20 ST	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Type Order No.	WAP 16+35 WTW 2.5-10 BL 1050180000	Version End and partition plate for terminals, blue, Height: 56 mm, Width: 1.5



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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

Туре	WEW 35/1	Version
Order No.	<u>1059000000</u>	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN	N) 4008190172282	
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.

8

General ordering data

Туре	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	
Туре	WS 12/5 MC NE WS	Version
Type Order No.	WS 12/5 MC NE WS 1609860000	Version WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
• •	,	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

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
Order No. 0517960000
GTIN (EAN) 4008190001742
Oty. 20 ST

Version SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00

Weidmueller, white

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

Туре	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	
Туре	ZGB 30	Version
Type Order No.	ZGB 30 1611930000	Version Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

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
Order No. 1058800000
GTIN (EAN) 4008190140175
Oty. 20 ST

Version
Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,

V-0, Wemid

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

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

Creation date 05.07.2025 02:34:40 MEZ

Catalogue status / Drawings 10



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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

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

With lightning flash



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

Туре	WAD 12 MC B GE/SW	Version
Order No.	2445090000	Group markers, Cover, 36.2 x 11.9 mm, WDU 16, WDU 35, yellow
GTIN (EAN)	4050118457896	
Qty.	32 ST	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

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

Туре	WAD 12 MC NE WS	Version
Order No.	<u>2445070000</u>	Group markers, Cover, 36.2 x 11.9 mm, WDU 16, WDU 35, white
GTIN (EAN)	4050118458220	
Qty.	32 ST	
Туре	WAD 12 MC NE GE	Version
Type Order No.	WAD 12 MC NE GE 2445080000	Version Group markers, Cover, 36.2 x 11.9 mm, WDU 16, WDU 35, yellow

PEN bridges



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

General ordering data

Туре	WQB-PEN 16	Version
Order No.	1060200000	Cross-connector (terminal), when screwed in, Silver grey, 76 A,
GTIN (EAN)	4008190112653	Number of poles: 2, Pitch in mm (P): 12.00, Insulated: No, Width:
Qty.	10 ST	17.6 mm