

Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

Version	Z-series, PE terminal, Rated cross-section: 2.5 mm², Tension-clamp connection, Green/yellow
Order No.	<u>1772090000</u>
Туре	ZPE 2.5-2
GTIN (EAN)	4032248128730
Qty.	50 ST



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Approvals

Approvals







	NOSHAEX
ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	43.5 mm	Depth (inches)	1.7126 inch
Depth including DIN rail	44 mm	Height	50.5 mm
Height (inches)	1.9882 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	11.11 g

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °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

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-O		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO16ATEX1808U	Certificate No. (IECEX)	IECEXULD16.0036U
Wire cross section max. (ATEX)	4 mm ²	Wire cross section max. (IECEX)	4 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	Yes	Rail	TS 35
PE function	Yes	PEN function	No

Additional technical data

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





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Technical data

Wire connection type, additional connection	CSA rating data			
Conductors for clamping (additional connection) Conductors for clamping (rated connection) Gauge to IEC 60947-1 A2 Wire connection cross section AWG, MWG 12 mix. Connection direction Tension-clamp connection To m Tension-clamp conne	Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1152892
Connection type, additional connection Conductors for clamping (rated connection) Gauge to IEC 60947-1 A2 Connection direction Inclined / angled Type of connection Tension-clamp connection Tens	Wire cross section min. (CSA)	26 AWG		
Conductors for clamping (rated connection) Gauge to IEC 60947-1 A2 Wire connection cross section AWG, max. AWG 12 max. Connection direction Inclined / angled Stripping length 10 mm Nype of connection Tension-clamp connection 2 Number of connections 2 Clamping range, max. 4 mm² Clamping range, min. 0.13 mm² Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 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, min. 2.5 mm² Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm² Wire connection cross-section, 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. 0.5 mm² Wire connection cross-section, stranded, max. 4 mm² Wire connection cross-section, solid core, max. 0.5 mm² Wire connection cross-section, stranded, max. 4 mm² Wire connection cross-section, solid core, max. 0.5 mm² Wire connect	Conductors for clamping (add	ditional connection)		"
Conductors for clamping (rated connection) Gauge to IEC 60947-1 A2 Wire connection cross section AWG, max. AWG 12 max. Connection direction Inclined / angled Stripping length 10 mm Nype of connection Tension-clamp connection 2 Number of connections 2 Clamping range, max. 4 mm² Clamping range, min. 0.13 mm² Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 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, min. 2.5 mm² Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm² Wire connection cross-section, 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. 0.5 mm² Wire connection cross-section, stranded, max. 4 mm² Wire connection cross-section, solid core, max. 0.5 mm² Wire connection cross-section, stranded, max. 4 mm² Wire connection cross-section, solid core, max. 0.5 mm² Wire connect	Connection type additional connection	Tongian glamp connection		
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	(cURus)			
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Creation date 06.07.2025 07:11:36 MEZ

Data sheet

ZPE 2.5-2



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Technical data

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41
ECLASS 13.0	27-25-01-03	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

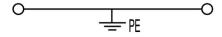


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Drawings





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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Accessories

2.5 mm²

2.5

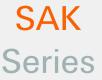
 mm^2

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	ZAP/TW7	Version
Order No.	<u>1706110000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190915452	
Qty.	50 ST	
Туре	ZAP/TW7 BL	Version
Order No.	<u>1706120000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190915469	
Qty.	50 ST	
Туре	ZAP/TW7 OR	Version
Order No.	<u>1706130000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190915476	
C (L ,)	4000130313470	

SAK-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	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	
Туре	EW 35 GR 7032	Version
Order No.	0383530000	End bracket, grey, TS 35, V-0, Wemid, Width: 9 mm, 120 °C
GTIN (EAN)	4008190027322	
Qty.	50 ST	
Туре	EW 35/SCHA/M3	Version
Order No.	0258660000	End bracket, beige, TS 35, V-2, Wemid, Width: 16.5 mm, 100 °C
GTIN (EAN)	4008190033477	
Qty.	20 ST	

Creation date 06.07.2025 07:11:36 MEZ



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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 35/1	Version
Order No.	1059000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN)	4008190172282	
Qty.	50 ST	
Туре	WEW 35/2	Version
Type Order No.	WEW 35/2 1061200000	Version End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
	,	

Z-Series

Z 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	ZEW 35	Version
Order No.	<u>9540000000</u>	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	
Туре	ZEW 35/2	Version
Order No.	8630740000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248348916	
Qty.	20 ST	
Type	ZTA 4	Version
Type Order No.	ZTA 4 1688110000	Version Accessories, Test adapter, 11 A
Order No.	1688110000	
Order No. GTIN (EAN)	1688110000 4008190855666	
Order No. GTIN (EAN) Qty.	1688110000 4008190855666 25 ST	Accessories, Test adapter, 11 A
Order No. GTIN (EAN) Oty. Type	1688110000 4008190855666 25 ST ZRH 1.5H/1	Accessories, Test adapter, 11 A Version

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Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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Accessories

 Type
 ZRH 1.5H/2
 Version

 Order No.
 1678800000
 Z-series, Reducing sleeve

 GTIN (EAN)
 4008190487317

 Qty.
 1000 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

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	

STR transparent strips



General ordering data

Туре	STR 7 F.SCHT 7	Version
Order No.	0515300000	Terminal markers, Protective cap, 27 x 6.3 mm, Transparent
GTIN (EAN)	4008190182175	
Qty.	20 ST	

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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

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

Туре	WS 14/5 MC NE WS	Version
Order No.	<u>1768090000</u>	WS, Terminal marker, 14 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4032248106271	white
Qty.	480 ST	
Туре	ZS 10/5 MC NE WS	Version
Type Order No.	ZS 10/5 MC NE WS 1610000000	Version ZS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
	· '	

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.	<u>1636530000</u>	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	
Order No.	<u>1611930000</u>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190002251	Weidmueller, white	
Qty.	20 ST		
Туре	ZGB 30/3.5	Version	
Order No.	<u>1778290000</u>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 3.50	
GTIN (EAN)	4032248161065	white	
Qty.	20 ST		

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Marker holder



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Accessories

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

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadiummolybdenum steel, gun-metal finish.

General ordering data

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Туре	SDIS SLIM 0.6X3.5X100	Version
Order No.	<u>2749610000</u>	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 ST	

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