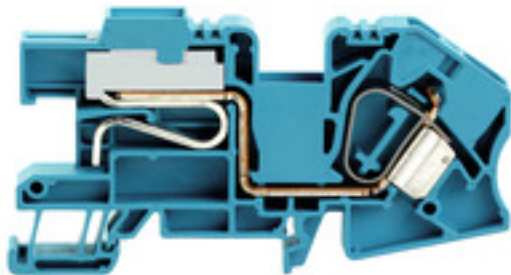


**Z-series
ZNT 16S TNSR WS**

Weidmüller Interface GmbH & Co. KG
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Product image**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	ZNT 16S TNSR WS
Order No.	1135070000
Version	Z-series, Installation multi-tier terminal, Neutral conductor modular terminal, Rated cross-section: 16 mm ² , Tension-clamp connection, Direct mounting
GTIN (EAN)	4032248945559
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	12 mm	Width (inches)	0.472 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	49.5 mm	Depth (inches)	1.949 inch
Depth including DIN rail	50 mm	Net weight	44.52 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm ²
Clamping range, min.	1.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	16 mm ²	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A7	Number of connections	1
Stripping length	18 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

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Technical data

Disconnect terminals

For N-busbar 10 x 3 mm

PE rating data

PEN function No

Rating data

Rated cross-section	16 mm ²	Rated voltage	400
Rated current	76 A	Current at maximum wires	76 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Power loss in accordance with IEC 60947-7-x	2.43 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
eClass 9.0	27-14-11-25	eClass 9.1	27-14-11-25
eClass 10.0	27-14-11-25		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1103_20160418_1371_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice [Safety Information](#)

Data sheet

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Drawings



Data sheet

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Accessories

Slotted screwdriver

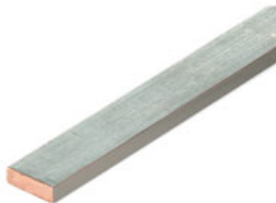
Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



General ordering data

Type	SDS 1.0X5.5X150	Version
Order No.	9008350000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm
GTIN (EAN)	4032248056316	
Qty.	1 pc(s).	

Bus bars



Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	SSCH 10X3X1000 CU/SN	Version
Order No.	0348900000	Accessories, Busbar, Copper
GTIN (EAN)	4008190024802	
Qty.	1 m	

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Accessories

Holding plates



Building installation wiring

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General ordering data

Type	ZHP S SO	Version
Order No.	1808280000	Z-series, Fixing plate
GTIN (EAN)	4032248280513	
Qty.	20 pc(s).	
Type	PHP PDL	Version
Order No.	1837090000	P-series, End plate, Fixing plate, blue, 3 mm
GTIN (EAN)	4032248409891	
Qty.	20 pc(s).	
Type	ZHP S	Version
Order No.	1808290000	Z-series, Fixing plate
GTIN (EAN)	4032248280520	
Qty.	20 pc(s).	
Type	PHP PDL SO	Version
Order No.	1837080000	P-series, End plate, Fixing plate, blue, 3 mm
GTIN (EAN)	4032248418800	
Qty.	20 pc(s).	
Type	ZHP Z/W BL	Version
Order No.	1745180000	Z-series, Intermediate plate
GTIN (EAN)	4008190037123	
Qty.	20 pc(s).	

ZQV 16



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

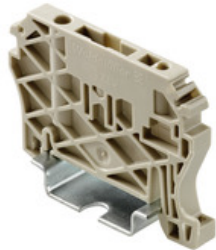
Type	ZQV 16/2	Version
Order No.	1739690000	Accessories, Cross-connector, 76 A
GTIN (EAN)	4008190957148	
Qty.	25 pc(s).	

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Accessories

End brackets



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZEW 35/2	Version
Order No.	8630740000	Z-series, End bracket
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	
Type	ZEW 35	Version
Order No.	9540000000	Z-series, End bracket
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	

End plates



Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	ZAP ZDU10/16S	Version
Order No.	1739660000	Z-series, End plate
GTIN (EAN)	4008190957117	
Qty.	20 pc(s).	

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Accessories

End bracket



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

Type	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	
Type	EW 35 GR 7032	Version
Order No.	0383530000	Accessories, End bracket
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	
Type	EW 35/SCHA/M3	Version
Order No.	0258660000	Accessories, End bracket
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	

Busbar connections



Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	ZB 16K BL	Version
Order No.	0502880000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, blue, Feed-through (bushing)
GTIN (EAN)	4008190014186	
Qty.	50 pc(s).	
Type	ZB 16K SW	Version
Order No.	0502810000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, black, Feed-through (bushing)
GTIN (EAN)	4008190332563	
Qty.	50 pc(s).	
Type	ZB 4/6K GE/GN	Version
Order No.	0565460000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, Green/yellow, Feed-through (bushing)
GTIN (EAN)	4008190032609	
Qty.	50 pc(s).	

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Accessories

Type	ZB 4	Version
Order No.	0316500000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190061999	yoke, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 35K SW M6X16	Version
Order No.	0502610000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190332587	yoke, PA, black, Feed-through (bushing)
Qty.	20 pc(s).	
Type	ZB 4G SW	Version
Order No.	0322110000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190189310	yoke, PA, black, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 4G BL	Version
Order No.	0322180000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190050504	yoke, PA, blue, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 4/6	Version
Order No.	0556700000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190188412	yoke, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 35K BL M6X16	Version
Order No.	0502680000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190004385	yoke, PA, blue, Feed-through (bushing)
Qty.	20 pc(s).	
Type	ZB 4K SW	Version
Order No.	0475310000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190008406	yoke, PA, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 4/6K BL	Version
Order No.	0565480000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190086831	yoke, PA, blue, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 35/M6X16	Version
Order No.	0266500000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190102814	yoke, Feed-through (bushing)
Qty.	20 pc(s).	
Type	ZB 4K BL	Version
Order No.	0475380000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190010942	yoke, PA, blue, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 16K GE/GN	Version
Order No.	0502860000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190188795	yoke, PA, Green/yellow, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 35K GE/GN M6X16	Version
Order No.	0502660000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190052294	yoke, PA, Green/yellow, Feed-through (bushing)
Qty.	20 pc(s).	
Type	ZB 4K GE/GN	Version
Order No.	0475360000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190188047	yoke, PA, Green/yellow, Feed-through (bushing)
Qty.	50 pc(s).	

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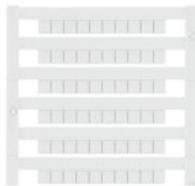
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Accessories

Type	ZB 4K GG HENSEL	Version
Order No.	1824560000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4032248330973	yoke, PA, Green/yellow, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 4G GN/GE	Version
Order No.	0322160000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190014278	yoke, PA, Green/yellow, Feed-through (bushing)
Qty.	50 pc(s).	
Type	ZB 16 ZKSC	Version
Order No.	0316600000	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping
GTIN (EAN)	4008190145989	yoke, Feed-through (bushing)
Qty.	50 pc(s).	

Custom printing



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 SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	

Data sheet

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Accessories

End brackets



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

Type	WEW 35/1	Version
Order No.	1059000000	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	
Type	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	