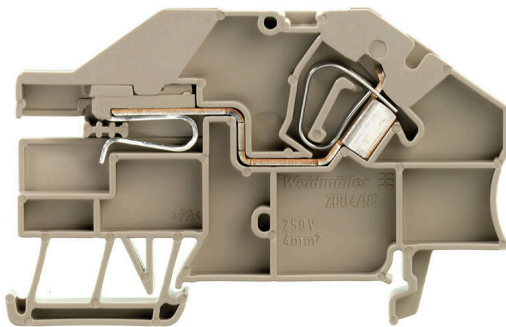


ZDU 4/NT DB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

Version	Multi level installation terminal block, Tension-clamp connection, dark beige, 4 mm², 32 A, 250 V, Number of connections: 1, Number of levels: 1
Order No.	1778080000
Type	ZDU 4/NT DB
GTIN (EAN)	4032248161027
Qty.	50 items
Delivery status	Discontinued
Last order date	2023-03-31T00:00:00+02:00
Alternative product	AITB 6 BB NDT BL

Technical data

Approvals

Approvals



ROHS	Conform
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Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.9488 inch
Depth including DIN rail	50.5 mm	Height	78.5 mm
Height (inches)	3.0905 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	13.32 g

Temperatures

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

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, With busbar connection, 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
Mounting rail	TS 35	N-function	Yes
PE function	No	PEN function	No

Additional technical data

Open sides	right	Installation advice	Direct mounting
Explosion-tested version	Yes	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 10
Stripping length	12 mm	Type of connection	Tension-clamp connection
Number of connections	1	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Blade size	0.6 x 3.5 mm

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Technical data

Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Wire connection cross section AWG, max.	AWG 10	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	In accordance with IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	32 A
Current at maximum wires	32 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

Classifications

ETIM 8.0	EC001329	ETIM 9.0	EC001329
ETIM 10.0	EC001329	ECLASS 14.0	27-25-01-10
ECLASS 15.0	27-25-01-10		

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Accessories

End plates and partition plates

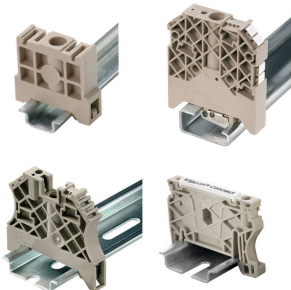


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row 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	ZAP ZDU4/NT	Version
Order No.	1757970000	Z-series, End plate
GTIN (EAN)	4008190121501	
Qty.	20 ST	
Type	ZHP ZDU4/NT SO	Version
Order No.	1803890000	Z-series, Fixing plate
GTIN (EAN)	4032248266852	
Qty.	20 ST	

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	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	
Type	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	
Type	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	
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	

ZDU 4/NT DB

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Accessories

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	
Type	ZEW 35	Version
Order No.	9540000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	
Type	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	

Busbars

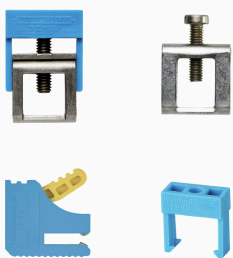


With our bus bars in various materials and the associated accessories, you can connect cables in the smallest installation space. Depending on the application, potentials can be collected, distributed or dissipated.

General ordering data

Type	SSCH 10X3X1000 CU/SN	Version
Order No.	0348900000	Busbar (terminal), silver, Height: 1000 mm, Depth: 3 mm, Copper
GTIN (EAN)	4008190024802	
Qty.	25 M	

Busbar connections



Weidmueller offers tapping terminals for various types of bus bar systems. Depending on the application, a distinction can be made here between insulated and non-insulated tap-off terminals.

General ordering data

Type	ZB 4	Version
Order No.	0316500000	Terminal (busbar connection)
GTIN (EAN)	4008190061999	
Qty.	50 ST	
Type	ZB 4G BL	Version
Order No.	0322180000	Terminal (busbar connection)
GTIN (EAN)	4008190050504	
Qty.	50 ST	

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Accessories

Type	ZB 4G GN/GE	Version
Order No.	0322160000	Terminal (busbar connection)
GTIN (EAN)	4008190014278	
Qty.	50 ST	
Type	ZB 4G SW	Version
Order No.	0322110000	Terminal (busbar connection)
GTIN (EAN)	4008190189310	
Qty.	50 ST	
Type	ZB 4K BL	Version
Order No.	0475380000	Terminal (busbar connection)
GTIN (EAN)	4008190010942	
Qty.	50 ST	
Type	ZB 4K GE/GN	Version
Order No.	0475360000	Terminal (busbar connection)
GTIN (EAN)	4008190188047	
Qty.	50 ST	
Type	ZB 4K GG HENSEL	Version
Order No.	1824560000	Terminal (busbar connection)
GTIN (EAN)	4032248330973	
Qty.	50 ST	
Type	ZB 4K SW	Version
Order No.	0475310000	Terminal (busbar connection)
GTIN (EAN)	4008190008406	
Qty.	50 ST	
Type	ZB 4/6	Version
Order No.	0556700000	Terminal (busbar connection)
GTIN (EAN)	4008190188412	
Qty.	50 ST	
Type	ZB 4/6K BL	Version
Order No.	0565480000	Terminal (busbar connection)
GTIN (EAN)	4008190086831	
Qty.	50 ST	
Type	ZB 4/6K GE/GN	Version
Order No.	0565460000	Terminal (busbar connection)
GTIN (EAN)	4008190032609	
Qty.	50 ST	
Type	ZB 16K BL	Version
Order No.	0502880000	Terminal (busbar connection)
GTIN (EAN)	4008190014186	
Qty.	50 ST	
Type	ZB 16K GE/GN	Version
Order No.	0502860000	Terminal (busbar connection)
GTIN (EAN)	4008190188795	
Qty.	50 ST	
Type	ZB 16K SW	Version
Order No.	0502810000	Terminal (busbar connection)
GTIN (EAN)	4008190332563	
Qty.	50 ST	
Type	ZB 16 ZKSC	Version
Order No.	0316600000	Terminal (busbar connection)
GTIN (EAN)	4008190145989	
Qty.	50 ST	

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Accessories

Type	ZB 35K BL M6X16	Version
Order No.	0502680000	Terminal (busbar connection)
GTIN (EAN)	4008190004385	
Qty.	20 ST	
Type	ZB 35K GE/GN M6X16	Version
Order No.	0502660000	Terminal (busbar connection)
GTIN (EAN)	4008190052294	
Qty.	20 ST	
Type	ZB 35K SW M6X16	Version
Order No.	0502610000	Terminal (busbar connection)
GTIN (EAN)	4008190332587	
Qty.	20 ST	
Type	ZB 35/M6X16	Version
Order No.	0266500000	Terminal (busbar connection)
GTIN (EAN)	4008190102814	
Qty.	20 ST	

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.

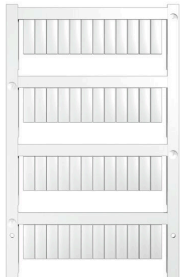
- Large range of ready-to-use markers
 - Strips for fast installation
 - Terminal markers, suitable for all Weidmüller cable connectors
 - Available as blank MultiCard or with standard printing
- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without 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 ST	

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.

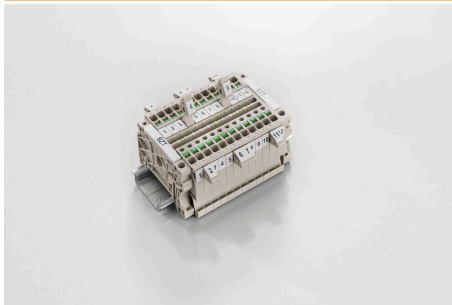
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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 15/5 MC NE WS	Version
Order No.	1609880000	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203504	Allen-Bradley, white
Qty.	480 ST	
Type	ZS 10/5 MC NE WS	Version
Order No.	1610000000	ZS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190263171	Allen-Bradley, white
Qty.	480 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 snapped 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	

Accessories**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-vanadium-molybdenum steel, gun-metal finish.

General ordering data

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