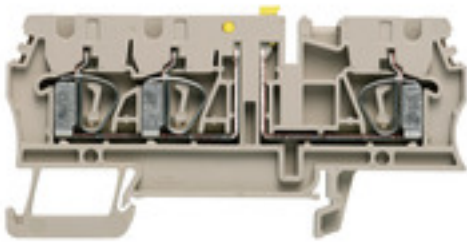


**Z-series
ZTR 2.5/3AN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Fax: +49 5231 14-292083
www.weidmueller.com

Product image**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	ZTR 2.5/3AN
Order No.	8731720000
Version	Test-disconnect terminal, Tension-clamp connection, 2.5 mm ² , 500 V, 20 A, Pivoting, dark beige
GTIN (EAN)	4032248404902
Qty.	100 pc(s).

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Technical data**Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	79.5 mm	Height (inches)	3.13 inch
Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	41 mm	Net weight	11.29 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

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

System specifications

Version	Tension-clamp connection, 3 connections, Spacer, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	3	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	No	Installation advice	Direct mounting
Number of similar terminals	3	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1152892	Current size B (CSA)	10 A
Current size C (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.05 mm ²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	3
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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 with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	30 AWG	Current size C (UR)	20 A
Voltage size C (UR)	600 V		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-26
eClass 9.1	27-14-11-26		

Product information

Descriptive text technical data	2.5 mm ² ; flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
Instructions for accessories	If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

Data sheet**Z-series
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1102_20160418_1488_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

[STEP](#)**Safety note**

Safety notice

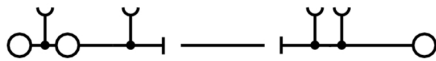
[Safety Information](#)

Data sheet

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Drawings



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Accessories

End plates



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	Order No.	Version	GTIN (EAN)	Qty.
ZAP/TW 3	1608800000	Z-series, Accessories, End plate, Separation plate	4008190190927	50 pc(s).
ZAP/TW 3 RT	1683820000	Z-series, End plate, Separation plate	4008190477547	50 pc(s).
ZAP/TW 3 SW	1683890000	Z-series, End plate, Separation plate	4008190477615	50 pc(s).
ZAP/TW 3 WS	1683880000	Z-series, End plate, Separation plate	4008190477608	50 pc(s).
ZAP/TW 3 GR	1683870000	Z-series, End plate, Separation plate	4008190477592	50 pc(s).
ZAP/TW 3 GN	1683840000	Z-series, End plate, Separation plate	4008190477561	50 pc(s).
ZAP/TW 3 BL	1608810000	Z-series, End plate, Separation plate	4008190190934	50 pc(s).
ZAP/TW 3 OR	1608820000	Z-series, End plate, Separation plate	4008190190941	50 pc(s).

Test plug



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	Order No.	Version	GTIN (EAN)	Qty.
PS 2.3 RT	0180400000	Accessories, Test plug	4008190060121	20 pc(s).

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Accessories

Test adapter



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZTA 1/ZA	1609050000	Accessories, Test adapter, 9 A	4008190206543	25 pc(s).
ZTA 1	1609040000	Accessories, Test adapter, 9 A	4008190196851	25 pc(s).

Disconnect plug



DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
TNST	1833090000	Accessories, Disconnect plug, 20 A	4032248471485	50 pc(s).

Marking Holder



Spring connection with tension clamp Technology

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
BZT 1 WS	1805490000	Accessories, Marker holder	4032248270231	100 pc(s).

10/5

Z-series ZTR 2.5/3AN

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Accessories

BZT 1 ZA WS [1805520000](#)
 10/5

Accessories, Marker holder 4032248270248 100 pc(s).

ZQV 2.5



Spring connection with tension clamp Technology
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General ordering data

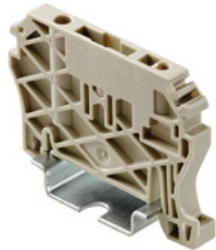
Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 2.5/6	1608900000	Accessories, Cross-connector, 24 A	4008190149840	20 pc(s).
ZQV 2.5/20	1908960000	Z-series, Cross-connector, For the terminals, No. of poles: 20	4032248535293	20 pc(s).
ZQV 2.5/50	1697540000	Accessories, Cross-connector, 24 A	4008190883256	10 pc(s).
ZQV 2.5/7	1608910000	Accessories, Cross-connector, 24 A	4008190159665	20 pc(s).
ZQV 2.5/8	1608920000	Accessories, Cross-connector, 24 A	4008190061531	20 pc(s).
ZQV 2.5/4	1608880000	Accessories, Cross-connector, 24 A	4008190082208	60 pc(s).
ZQV 2.5/3	1608870000	Accessories, Cross-connector, 24 A	4008190061630	60 pc(s).
ZQV 2.5/10	1608940000	Accessories, Cross-connector, 24 A	4008190099060	20 pc(s).
ZQV 2.5/9	1608930000	Accessories, Cross-connector, 24 A	4008190117009	20 pc(s).
ZQV 2.5/2	1608860000	Accessories, Cross-connector, 24 A	4008190123680	60 pc(s).
ZQV 2.5/5	1608890000	Accessories, Cross-connector, 24 A	4008190065713	20 pc(s).

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Accessories

End brackets



Spring connection with tension clamp Technology

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General ordering data

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

Reduction Sleeves



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	Order No.	Version	GTIN (EAN)	Qty.
ZRH 2.5/2 GR/VO	1614290000	Z-series, Reducing sleeve	4008190072476	1,000 pc(s).
ZRH 2.5/3	1614280000	Z-series, Reducing sleeve	4008190206796	1,000 pc(s).
ZRH 2.5/1 WS	1614300000	Z-series, Reducing sleeve	4008190206789	1,000 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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

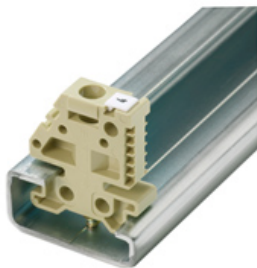
- Can be fitted in strips or individually
- Markers in proven MultiCard format

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	Order No.	Version	GTIN (EAN)	Qty.
WS 10/5 M MC NE WS	1792000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white	4032248223862	720 pc(s).
WS 10/5 MC NE WS	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white	4008190261948	720 pc(s).

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

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Accessories
End brackets

Klippon® Connect with clamping yoke Technology

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General ordering data

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

Tools


Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 0.6X3.5X100	9008330000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	4032248056286	1 pc(s).

Fuse carrier

DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SIHA 3/G20/ LD 140-250V	7921600000	Accessories, Fuse holder, Rated cross-section: Plug-	4032248322633	25 pc(s).

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Accessories

	in connection, Wemid, dark beige, Operating instructions/catalogue	
SIHA 3/G20/ 7921590000 LD 60-150V	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, dark beige, Operating instructions/catalogue	4032248322626 25 pc(s).
SIHA 3/G20/ 7921580000 LD 35-70V	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, dark beige, Operating instructions/catalogue	4032248322619 25 pc(s).
SIHA 3/G20/ 7921570000 LD 10-36V	Accessories, Fuse holder, Rated cross-section: Plug- in connection, Wemid, dark beige, Operating instructions/catalogue	4032248322503 25 pc(s).

Component plug



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	Order No.	Version	GTIN (EAN)	Qty.
BEST/D	1878560000	Accessories, Component plug, 1 A	4032248471492	50 pc(s).
BEST/DRBR	1878570000	Accessories, Component plug, 22 A	4032248471508	50 pc(s).
BEST	1833100000	Accessories, Component plug	4032248501014	50 pc(s).

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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	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 MC	1609801044	Dekafix, Terminal marker,	4008190397111	1,000 pc(s).
NE WS		5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, white		