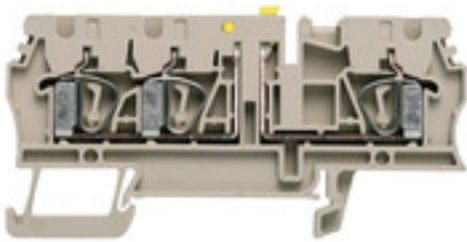


**Z-series  
ZTR 2.5/3AN**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
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Fon: +49 5231 14-0  
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**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.	<a href="#">8731720000</a>
Version	Test-disconnect terminal, Tension-clamp connection, 2.5 mm <sup>2</sup> , 500 V, 20 A, Pivoting, dark beige
GTIN (EAN)	4032248404902
Qty.	50 pc(s).

Creation date May 1, 2020 6:31:47 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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

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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**

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	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
Number 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 <sup>2</sup>
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**Technical data****Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	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 <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Disconnect terminals**

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	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
Power loss in accordance with IEC 60947-7-x	0.77 W	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 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

**Approvals**

Approvals



ROHS

Conform

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

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">DE_PT1102_20160418_1488_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

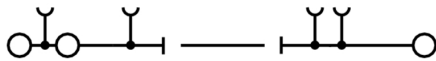
Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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

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**Drawings**



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

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

Creation date May 1, 2020 6:31:47 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

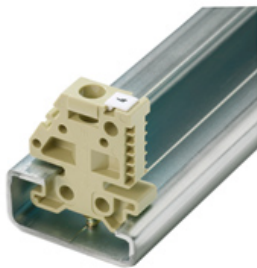
## Z-series ZTR 2.5/3AN

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## Accessories

Type	ZQV 2.5/50	Version	
Order No.	<a href="#">1697540000</a>	Accessories, Cross-connector, 24 A	
GTIN (EAN)	4008190883256		
Qty.	10 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	EW 35/SCHA/M3	Version	
Order No.	<a href="#">0258660000</a>	Accessories, End bracket	
GTIN (EAN)	4008190033477		
Qty.	20 pc(s).		
Type	EW 35	Version	
Order No.	<a href="#">0383560000</a>	Accessories, End bracket	
GTIN (EAN)	4008190181314		
Qty.	50 pc(s).		
Type	EW 35 GR 7032	Version	
Order No.	<a href="#">0383530000</a>	Accessories, End bracket	
GTIN (EAN)	4008190027322		
Qty.	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	PS 2.3 RT	Version	
Order No.	<a href="#">0180400000</a>	Accessories, Test plug	
GTIN (EAN)	4008190060121		
Qty.	20 pc(s).		

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

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**Accessories**
**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	SIHA 3/G20/LD 140-250V	Version
Order No.	<a href="#">792160000</a>	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322633	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 60-150V	Version
Order No.	<a href="#">792159000</a>	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322626	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 10-36V	Version
Order No.	<a href="#">792157000</a>	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322503	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 35-70V	Version
Order No.	<a href="#">792158000</a>	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322619	Wemid, dark beige, Operating instructions/catalogue
Qty.	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	BEST/D	Version
Order No.	<a href="#">187856000</a>	Accessories, Component plug, 1 A
GTIN (EAN)	4032248471492	
Qty.	50 pc(s).	
Type	BEST	Version
Order No.	<a href="#">183310000</a>	Accessories, Component plug
GTIN (EAN)	4032248501014	
Qty.	50 pc(s).	



## Data sheet

### Z-series ZTR 2.5/3AN

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## Accessories

Type	BEST/DRBR	Version
Order No.	<a href="#">1878570000</a>	Accessories, Component plug, 22 A
GTIN (EAN)	4032248471508	
Qty.	50 pc(s).	

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

## 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.	<a href="#">1059000000</a>	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

## Data sheet

### Z-series ZTR 2.5/3AN

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## Accessories

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

### Disconnect plug



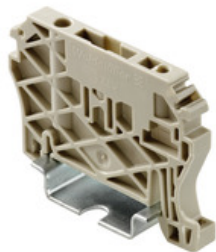
#### DCS marshalling

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	TNST	Version
Order No.	<a href="#">1833090000</a>	Accessories, Disconnect plug, 20 A
GTIN (EAN)	4032248471485	
Qty.	50 pc(s).	

### 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.	<a href="#">8630740000</a>	Z-series, End bracket
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	

Type	ZEW 35	Version
Order No.	<a href="#">9540000000</a>	Z-series, End bracket
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	

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

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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	ZAP/TW 3	Version
Order No.	<a href="#">160880000</a>	Z-series, Accessories, End plate, Separation plate
GTIN (EAN)	4008190190927	
Qty.	50 pc(s).	
Type	ZAP/TW 3 GR	Version
Order No.	<a href="#">168387000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190477592	
Qty.	50 pc(s).	
Type	ZAP/TW 3 OR	Version
Order No.	<a href="#">160882000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190190941	
Qty.	50 pc(s).	
Type	ZAP/TW 3 GN	Version
Order No.	<a href="#">168384000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190477561	
Qty.	50 pc(s).	
Type	ZAP/TW 3 RT	Version
Order No.	<a href="#">168382000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190477547	
Qty.	50 pc(s).	
Type	ZAP/TW 3 SW	Version
Order No.	<a href="#">168389000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190477615	
Qty.	50 pc(s).	
Type	ZAP/TW 3 WS	Version
Order No.	<a href="#">168388000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190477608	
Qty.	50 pc(s).	
Type	ZAP/TW 3 BL	Version
Order No.	<a href="#">160881000</a>	Z-series, End plate, Separation plate
GTIN (EAN)	4008190190934	
Qty.	50 pc(s).	

## Z-series ZTR 2.5/3AN

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# Accessories

## 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	ZRH 2.5/1 WS	Version
Order No.	<a href="#">1614300000</a>	Z-series, Reducing sleeve
GTIN (EAN)	4008190206789	
Qty.	1,000 pc(s).	
Type	ZRH 2.5/2 GR/VO	Version
Order No.	<a href="#">1614290000</a>	Z-series, Reducing sleeve
GTIN (EAN)	4008190072476	
Qty.	1,000 pc(s).	
Type	ZRH 2.5/3	Version
Order No.	<a href="#">1614280000</a>	Z-series, Reducing sleeve
GTIN (EAN)	4008190206796	
Qty.	1,000 pc(s).	

## Test adapter



### 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	ZTA 1	Version
Order No.	<a href="#">1609040000</a>	Accessories, Test adapter, 9 A
GTIN (EAN)	4008190196851	
Qty.	25 pc(s).	
Type	ZTA 1/ZA	Version
Order No.	<a href="#">1609050000</a>	Accessories, Test adapter, 9 A
GTIN (EAN)	4008190206543	
Qty.	25 pc(s).	

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

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**Accessories**

**Slotted screwdriver**

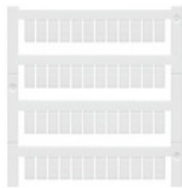
Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



**General ordering data**

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

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