

**ZTR 6-2****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

**General ordering data**

Version	Test-disconnect terminal, Tension-clamp connection, 6 mm <sup>2</sup> , 690 V, 32 A, Pivoting, dark beige
Order No.	<a href="#">1023830000</a>
Type	ZTR 6-2
GTIN (EAN)	4032248744855
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Depth	50 mm	Depth (inches)	1.969 inch
Depth including DIN rail	51 mm	Height	70 mm
Height (inches)	2.756 inch	Width	8.1 mm
Width (inches)	0.319 inch	Net weight	17.8 g

**Temperatures**

Storage temperature	-25 °C...55 °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, 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	2	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**

Installation advice	Direct mounting	Open sides	right
Type of mounting	Snap-on		

**Conductors for clamping (additional connection)**

Connection type, additional connection Tension-clamp connection

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	Connection cross-section, stranded, max.	6 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Type of connection	Tension-clamp connection	Type of connection 2	Tension-clamp connection
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

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## Technical data

## Dimensions

TS 35 offset	41 mm
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## Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
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## General

Installation advice	Direct mounting	Rail	TS 35
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## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	690 V
Rated DC voltage	690 V	Rated current	32 A
Current at maximum wires	32 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	25 A
Current size C (UR)	25 A	Current size D (UR)	5 A
Voltage size B (UR)	300 V	Voltage size C (UR)	300 V
Voltage size D (UR)	600 V		

## Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ECLASS 9.0	27-14-11-26	ECLASS 9.1	27-14-11-26
ECLASS 10.0	27-14-11-26	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-09

## Environmental Product Compliance

REACH SVHC	/
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## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

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## Technical data

### Downloads

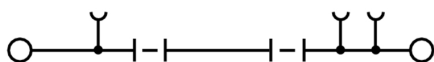
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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# Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Z-Series**

**Z**  
Series

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

**General ordering data**

Type	ZTA 7/ZA	Version
Order No.	<a href="#">1780670000</a>	Accessories, Test adapter, 9 A
GTIN (EAN)	4032248180202	
Qty.	25 pc(s).	

**6 mm<sup>2</sup>**

**6**  
mm<sup>2</sup>

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

**General ordering data**

Type	ZQV 6/24 GE	Version
Order No.	<a href="#">1908990000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4032248535309	
Qty.	10 pc(s).	
Type	ZQV 6/4 GE	Version
Order No.	<a href="#">1627870000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200442	
Qty.	60 pc(s).	
Type	ZQV 6/2 GE	Version
Order No.	<a href="#">1627850000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200428	
Qty.	60 pc(s).	
Type	ZQV 6/3 GE	Version
Order No.	<a href="#">1627860000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200435	
Qty.	60 pc(s).	

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## Accessories

## Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

## General ordering data

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

## Fuse holder



The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

## General ordering data

Type	SIHA 3/G20/LD 60-150V	Version
Order No.	<a href="#">7921590000</a>	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322626	
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 35-70V	Version
Order No.	<a href="#">7921580000</a>	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322619	
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 140-250V	Version
Order No.	<a href="#">7921600000</a>	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322633	
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 10-36V	Version
Order No.	<a href="#">7921570000</a>	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322503	
Qty.	25 pc(s).	

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## Accessories

## Marker holder

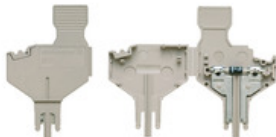


The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

## Component plugs



The component plug is used to integrate an electrical component in a disconnect terminal block. After soldering the electronic component, the plug can be integrated into the disconnection area of our disconnect terminal blocks and thus changes the disconnect terminal block into a modular terminal block with integrated electronic component.

## General ordering data

Type	BEST/D	Version
Order No.	<a href="#">1878560000</a>	Accessories, Component plug, 1 A
GTIN (EAN)	4032248471492	
Qty.	50 pc(s).	
Type	BEST	Version
Order No.	<a href="#">1833100000</a>	Accessories, Component plug
GTIN (EAN)	4032248501014	
Qty.	50 pc(s).	
Type	BEST/DRBR	Version
Order No.	<a href="#">1878570000</a>	Accessories, Component plug, 22 A
GTIN (EAN)	4032248471508	
Qty.	50 pc(s).	



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## Accessories

6 mm<sup>2</sup>6  
mm<sup>2</sup>

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

Type	ZAP ZDU6-2	Version
Order No.	<a href="#">1771440000</a>	Z-series, End plate
GTIN (EAN)	4032248169719	
Qty.	50 pc(s).	

## 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

Type	ZEW 35	Version
Order No.	<a href="#">9540000000</a>	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">2749380000</a>	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	

**Switch lock****General ordering data**

Type	DTLE 2.5/4	Version
Order No.	<a href="#">2910530000</a>	Locking element (terminal), Wemid, red
GTIN (EAN)	4099986519466	
Qty.	25 pc(s).	