

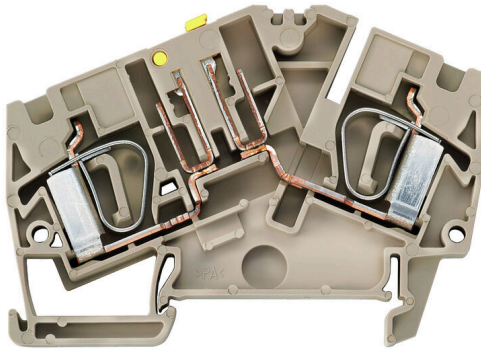
ZTR 6-2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , 690 V, 32 A, Pivoting, dark beige
Order No.	1023830000
Type	ZTR 6-2
GTIN (EAN)	4032248744855
Qty.	50 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Depth including DIN rail	51 mm	Height	70 mm
Height (inches)	2.7559 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	17.8 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

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, 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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	Inclined / angled	Stripping length	12 mm
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection
Number of connections	2	Clamping range, max.	10 mm ²
Clamping range, min.	0.05 mm ²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm ²	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.05 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min. 0.05 mm ²		Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.05 mm ²	Connection cross-section, finely stranded, min.	0.05 mm ²

Dimensions

TS 35 offset	41 mm
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General

Wire connection cross section AWG, max.	AWG 8	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm ²	Rated voltage	690 V
Rated DC voltage	690 V	Nominal 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

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

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

Drawings

