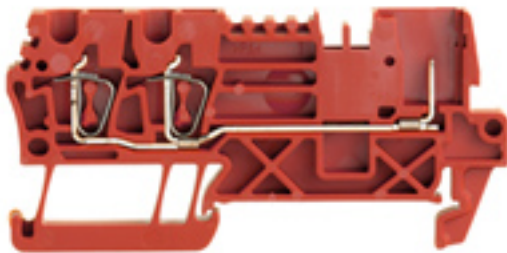


ZT 2.5/3AN/1 RT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Z-series, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, Direct mounting
Order No.	1935470000
Type	ZT 2.5/3AN/1 RT
GTIN (EAN)	4032248600106
Qty.	50 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2021-01-01
Alternative product	1815090000

Creation date March 26, 2021 10:14:11 AM CET

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Technical data**Dimensions and weights**

Depth	34.5 mm	Depth (inches)	1.358 inch
Depth including DIN rail	35 mm	Height	71.5 mm
Height (inches)	2.815 inch	Net weight	8.66 g
Width	5.1 mm	Width (inches)	0.201 inch

Temperatures

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

Material data

Material	Wemid	Colour	red
UL 94 flammability rating	V-0		

System specifications

Version	2 tension-clamp connections - 1 plug-in connection, pluggable	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		

Additional technical data

Installation advice	Direct mounting	Type of mounting	Snap-on
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CSA rating data

Certificate number (cCSAus)	154685-1460993	Current size C (cCSAus)	20 A
Current size D (cCSAus)	5 A	Voltage size C (cCSAus)	300 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	12 AWG
Wire cross section min. (cCSAusX)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Plug-in connection
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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.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	3
Stripping length	10 mm	Type of connection	Tension-clamp connection
Type of connection 2	Plug-in connection	Wire connection cross section AWG, max.	AWG 26
Wire connection cross section AWG, min.	AWG 12	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.	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

Dimensions

TS 35 offset	47 mm
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General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 61984, In accordance with IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 26
Wire connection cross section AWG, min.	AWG 12		

Rating data

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm ²
Rated voltage	500 V	Max. voltage of clamp support & pluggable system	690 V
Rated current	24 A	Standards	IEC 61984, In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	20 A
Current size D (cURus)	5 A	UL_current_Print	20 A
UL_voltage_Print	300 V	UL_wire_max_Print	12 AWG
UL_wire_min_Print	26 AWG	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

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Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate
	DNVGL certificate
	CB Testreport
	CB Certificate
	Declaration of Conformity
	Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks

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Drawings

