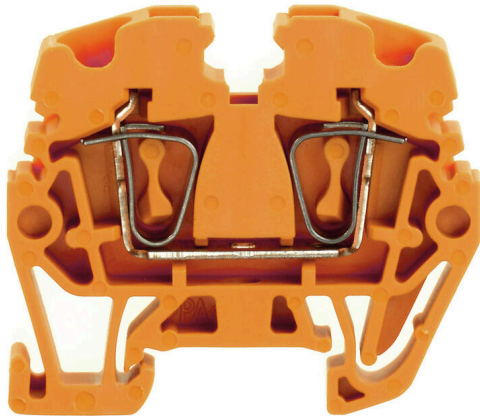


**ZDUA 2.5-2 OR**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

Thanks to their compact design, Mini rail-mounted terminal blocks are ideal for working in confined spaces such as small housings and terminal boxes.

**General ordering data**

Version	Z-series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, orange
Order No.	<a href="#">1720940000</a>
Type	ZDUA 2.5-2 OR
GTIN (EAN)	4008190376802
Qty.	100 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

## Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Depth including DIN rail	30.5 mm	Height	35 mm
Height (inches)	1.378 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	3.39 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic material	Wemid	Colour	orange
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO16ATEX1808U	Certificate No. (IECEX)	IECEXULD16.0036U
Max. voltage (ATEX)	352 V	Current (ATEX)	20 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	352 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

## System specifications

Version	Tension-clamp connection, 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 15	N-function	No
PE function	No	PEN function	No

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## Technical data

## Additional technical data

Open sides	right	Explosion-tested version	Yes
Type of mounting	Snap-on		

## CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1152892
Voltage size B (CSA)	600 V	Current size B (CSA)	20 A
Wire cross section min. (CSA)	26 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm
Type of connection	Tension-clamp connection	Number of connections	2
Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
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.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>
Connection cross-section, stranded, max.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.13 mm <sup>2</sup>		

## Dimensions

TS 15 offset	17.5 mm		
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## General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 15

## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	24 A
Current at maximum wires	30 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

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**Technical data****UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Current size C (UR)	20 A	Voltage size C (UR)	600 V
Conductor size Factory wiring min. (UR)	22 AWG	Certificate No. (UR)	E60693
Conductor size Field wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG

**Classifications**

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

**Drawings**

