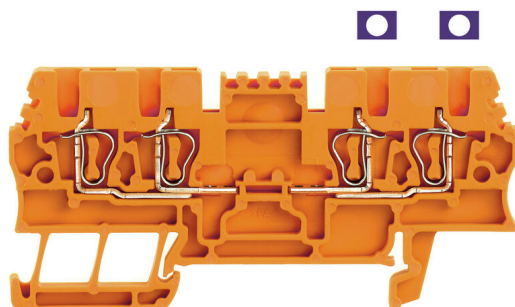


ZDU 1.5/2X2AN OR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal, Tension-clamp connection, 1.5 mm ² , 500 V, 17.5 A, orange
Order No.	1827000000
Type	ZDU 1.5/2X2AN OR
GTIN (EAN)	4032248425419
Qty.	50 items

ZDU 1.5/2X2AN OR

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	75.5 mm
Height (inches)	2.9724 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	6.96 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	orange
UL 94 flammability rating	V-0		

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	4	Number of potentials per tier	2
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

Additional technical data

Open sides	right	Installation advice	Direct mounting
Explosion-tested version	No	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B1	Wire connection cross section AWG, max.	AWG 18
Connection direction	top	Stripping length	10 mm
Type of connection	Tension-clamp connection	Number of connections	4
Clamping range, max.	1.5 mm ²	Clamping range, min.	0.05 mm ²

ZDU 1.5/2X2AN OR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Blade size	0.4 x 2.0 mm	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 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.	1.5 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.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.05 mm ²
Connection cross-section, stranded, max.	1.5 mm ²	Connection cross-section, stranded, min.	0.05 mm ²
Twin wire-end ferrules, max.	0.75 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	1.5 mm ²	Wire connection cross-section, solid core, min.	0.05 mm ²
Connection cross-section, finely stranded (rated connection), min.	0.05 mm ²		

General

Wire connection cross section AWG, max.	AWG 18	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 16	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	17.5 A
Current at maximum wires	17.5 A	Standards	IEC 60947-7-1
Volume resistance	1.83 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3

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

