

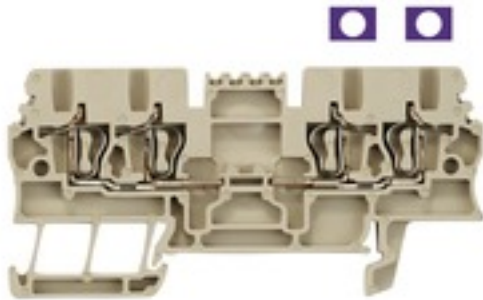
ZDU 1.5/2X2AN**Weidmüller Interface GmbH & Co. KG**

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, dark beige
Order No.	1826970000
Type	ZDU 1.5/2X2AN
GTIN (EAN)	4032248425297
Qty.	100 pc(s).

Creation date February 28, 2023 9:26:16 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	75.5 mm
Height (inches)	2.972 inch	Width	3.5 mm
Width (inches)	0.138 inch	Net weight	6.49 g

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
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 levels	1	Number of clamping points per level	4
Number of potentials per tier	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35

Additional technical data

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

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm			
Clamping range, max.	1.5 mm ²			
Clamping range, min.	0.05 mm ²			
Connection direction	top			
Gauge to IEC 60947-1	B1			
Number of connections	4			
Stripping length	10 mm			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm ²	
		Tube length	min.	6 mm
			max.	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²	
		Tube length	min.	6 mm
			max.	12 mm
	Cross-section for conductor connection	nominal	1 mm ²	
		Tube length	min.	6 mm
			max.	12 mm

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Technical data

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1 mm ²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	min.	10 mm
		max.	12 mm
Twin wire-end ferrules, max.	0.75 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Type of connection	Tension-clamp connection		
Wire connection cross section AWG, max.	AWG 18		
Wire connection cross section AWG, min.	AWG 28		
Wire connection cross section, finely stranded, max.	1.5 mm ²		
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm ²		
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.	0.5 mm ²		
Wire connection cross-section, solid core, max.	1.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 18
Wire connection cross section AWG, min.	AWG 28		

Rating data

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

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Technical data**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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	ECLASS 12.0	27-14-11-20

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

