

ZDU 4 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Version	Z-series, Installation multi-tier terminal, Feed-through terminal, Rated cross-section: 4 mm ² , Tension-clamp connection, dark beige, Direct mounting
Order No.	1808360000
Type	ZDU 4 S
GTIN (EAN)	4032248280599
Qty.	100 pc(s).

Creation date January 28, 2023 7:21:26 AM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Height	64.2 mm
Height (inches)	2.528 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	9.51 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 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
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 4 mm²

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm		
Clamping range, max.	6 mm ²		
Clamping range, min.	0.5 mm ²		
Connection direction	Inclined / angled		
Gauge to IEC 60947-1	A3		
Number of connections	2		
Stripping length	10 mm		
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²
		max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
		max.	12 mm
		min.	8 mm

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Technical data

Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	10 mm
		min.	8 mm
	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	max.	12 mm
		min.	6 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	max.	12 mm
		min.	6 mm
	Cross-section for conductor connection	nominal	1 mm ²
	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
Tube length	max.	12 mm	
	min.	8 mm	
Cross-section for conductor connection	nominal	2.5 mm ²	
Tube length	max.	12 mm	
	min.	10 mm	
Cross-section for conductor connection	nominal	4 mm ²	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	12 mm
	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	nominal	12 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	nominal	12 mm
	Cross-section for conductor connection	nominal	1 mm ²
	Tube length	nominal	12 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	nominal	12 mm
	Cross-section for conductor connection	nominal	2.5 mm ²
	Cross-section for conductor connection	nominal	4 mm ²
	Type of connection	Tension-clamp connection	
Wire connection cross section, finely stranded, max.	4 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.	4 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.	4 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.	6 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		

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Technical data

Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ETIM 8.0	EC001329	ECLASS 9.0	27-14-11-25
ECLASS 9.1	27-14-11-25	ECLASS 10.0	27-14-11-25
ECLASS 11.0	27-14-11-25	ECLASS 12.0	27-14-11-25

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate INMETRO certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks BPZL Z-INSTA
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

