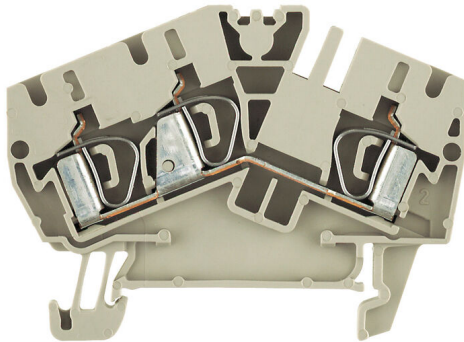


ZDU 4-2/3AN LSC**Weidmüller Interface GmbH & Co. KG**

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, 4 mm ² , 800 V, 32 A, dark beige
Order No.	1790520000
Type	ZDU 4-2/3AN LSC
GTIN (EAN)	4032248261369
Qty.	50 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-30T00:00:00+02:00
Alternative product	ZDU 4-2/3AN

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Depth	45.5 mm	Depth (inches)	1.7913 inch
Depth including DIN rail	46 mm	Height	61.5 mm
Height (inches)	2.4213 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	10.18 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	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	3	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

Additional technical data

Open sides	right	Number of similar terminals	1
Explosion-tested version	Yes	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	A3
Wire connection cross section AWG, max.	AWG 10
Connection direction	Inclined / angled
Stripping length	10 mm

Technical data

Type of connection	Tension-clamp connection		
Number of connections	3		
Clamping range, max.	6 mm ²		
Clamping range, min.	0.13 mm ²		
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.	4 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm ²		
Wire connection cross-section, finely stranded, max.	4 mm ²		
Wire connection cross section, finely stranded, min.	0.13 mm ²		
Connection cross-section, stranded, max.	4 mm ²		
Connection cross-section, stranded, min.	0.13 mm ²		
Twin wire-end ferrules, max.	1.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	6 mm ²		
Wire connection cross-section, solid core, min.	0.13 mm ²		
Connection cross-section, finely stranded (rated connection), min.	0.13 mm ²		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm
		max.	10 mm
	Cross-section for conductor connection		nominal 0.5 mm ²
	Tube length	min.	6 mm
		max.	12 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.	8 mm
		max.	12 mm
	Cross-section for conductor connection		nominal 1.5 mm ²
	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection		nominal 2.5 mm ²
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection		nominal 4 mm ²
Tube length for twin wire-end ferrule	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection		nominal 0.5 mm ²
	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection		nominal 0.75 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length		nominal 10 mm
	Cross-section for conductor connection		nominal 0.5 mm ²

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Technical data

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	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	1.5 mm ²
Tube length	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	2.5 mm ²
Tube length	nominal	12 mm
Cross-section for conductor connection	nominal	4 mm ²

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	32 A
Current at maximum wires	38 A	Standards	IEC 60947-7-1
Volume resistance	1 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 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

