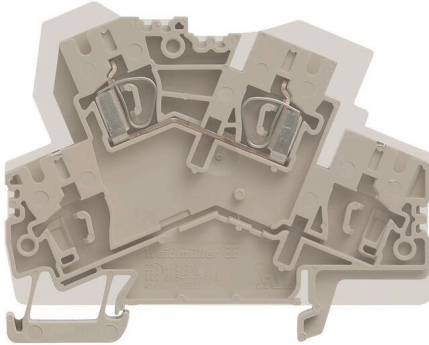


**Product image**



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, Double-tier terminal, Tension-clamp connection, 4 mm <sup>2</sup> , 800 V, 32 A, dark beige
Order No.	<a href="#">1119700000</a>
Type	ZDK 4-2/2AN
GTIN (EAN)	4032248948260
Qty.	50 items
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31T00:00:00+01:00
Alternative product	<a href="#">ZDK 4-2</a>

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	60 mm	Depth (inches)	2.3622 inch
Depth including DIN rail	61 mm	Height	78 mm
Height (inches)	3.0709 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	16.93 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	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35

Additional technical data

Open sides	closed	Installation advice	Terminal rail / mounting plate
Explosion-tested version	No	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection	Tension-clamp connection
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 10
Connection direction	top	Stripping length	10 mm
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection
Number of connections	2	Clamping range, max.	6 mm <sup>2</sup>

## ZDK 4-2/2AN

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

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.	4 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.	4 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.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	6 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>

### General

Number of poles	2	Wire connection cross section AWG, max.	AWG 10
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Nominal 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	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (cURus)	10 AWG		

### Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

**Drawings**

