

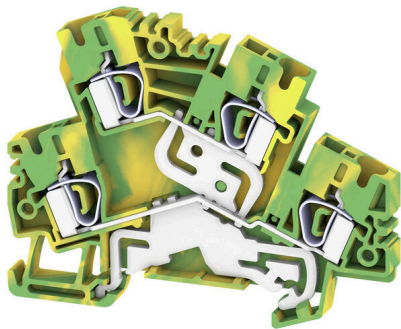
ZDK 4-2 PE**Weidmüller Interface GmbH & Co. KG**

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	Z-series, PE terminal, Rated cross-section: 4 mm ² , Tension-clamp connection, green
Order No.	8671050000
Type	ZDK 4-2 PE
GTIN (EAN)	4032248427369
Qty.	50 items

ZDK 4-2 PE

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	60 mm	Depth (inches)	2.3622 inch
Depth including DIN rail	61 mm	Height	77.6 mm
Height (inches)	3.0551 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	21.59 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	Yes	PE connection	Yes
PEN function	No		

Additional technical data

Open sides	right	Explosion-tested version	No
Type of mounting	TS 35		

CSA rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-1236167
Wire cross section min. (CSA)	26 AWG		

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 12		
Connection direction	Inclined / angled		
Stripping length	10 mm		
Type of connection	Tension-clamp connection		
Number of connections	4		
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.	6 mm ²		
Connection cross-section, stranded, min.	0.13 mm ²		
Wire connection cross-section, solid core, max.	6 mm ²		
Wire connection cross-section, solid core, 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	Tube length	nominal	0.5 mm ²
		min.	6 mm
Cross-section for conductor connection	Tube length	max.	12 mm
		nominal	0.75 mm ²
Cross-section for conductor connection	Tube length	min.	6 mm
		max.	12 mm
Cross-section for conductor connection	Tube length	nominal	1 mm ²
		min.	8 mm
Cross-section for conductor connection	Tube length	max.	12 mm
		nominal	1.5 mm ²
Cross-section for conductor connection	Tube length	min.	8 mm
		max.	12 mm
Cross-section for conductor connection	Tube length	nominal	2.5 mm ²
		min.	10 mm
Cross-section for conductor connection	Tube length	max.	12 mm
		nominal	4 mm ²
Cross-section for conductor connection	Tube length	min.	8 mm
		max.	12 mm
Cross-section for conductor connection	Tube length	nominal	0.5 mm ²
		min.	8 mm
Cross-section for conductor connection	Tube length	max.	12 mm
		nominal	4 mm ²

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Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	nominal	10 mm
	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	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 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Rated DC voltage	800 V
Nominal current	32 A	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Rated impulse withstand voltage to adjacent terminal	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. (UR)	10 AWG	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	26 AWG
Conductor size Field wiring max. (UR)	10 AWG		

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-04
ECLASS 15.0	27-25-01-04		

Drawings

