

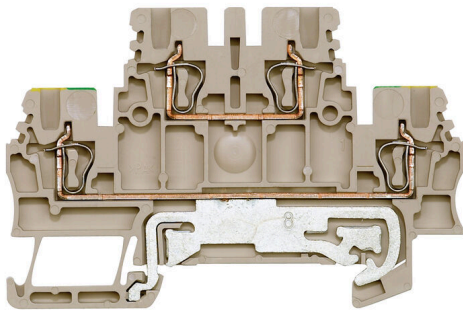
**ZDK 1.5DU-PE****Weidmüller Interface GmbH & Co. KG**

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	Feed-through terminal, Double-tier terminal, Tension-clamp connection, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, dark beige
Order No.	<a href="#">1791120000</a>
Type	ZDK 1.5DU-PE
GTIN (EAN)	4032248239139
Qty.	100 items

## ZDK 1.5DU-PE

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

### Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.9488 inch
Depth including DIN rail	50 mm	Height	75.5 mm
Height (inches)	2.9724 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	10.78 g

### Temperatures

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	dark beige
UL 94 flammability rating	V-0		

### System specifications

Version	Tension-clamp connection, With PE connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	2	Number of clamping points per level	2
PE connection	Yes	Mounting rail	TS 35
PEN function	No		

### Additional technical data

Number of similar terminals	1	Type of mounting	TS 35
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### CSA rating data

Wire cross section max. (CSA)	16 AWG	Certificate No. (CSA)	154685-1461041
Wire cross section min. (CSA)	28 AWG		

### Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

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### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 16		
Connection direction	top		
Type of connection	Tension-clamp connection		
Number of connections	4		
Clamping range, max.	1.5 mm <sup>2</sup>		
Clamping range, min.	0.05 mm <sup>2</sup>		
Wire connection cross section AWG, min.	AWG 28		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm <sup>2</sup>		
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.05 mm <sup>2</sup>		
Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.05 mm <sup>2</sup>		
Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.05 mm <sup>2</sup>		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>
		Tube length	min.
		max.	12 mm
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>
Tube length		min.	6 mm
		max.	12 mm
Cross-section for conductor connection	nominal	1 mm <sup>2</sup>	
	Tube length	nominal	10 mm
Cross-section for conductor connection		nominal	0.5 mm <sup>2</sup>
	Tube length	nominal	10 mm
Cross-section for conductor connection		nominal	0.75 mm <sup>2</sup>
	Tube length	nominal	10 mm
Cross-section for conductor connection		nominal	1 mm <sup>2</sup>
	Tube length	min.	10 mm
		max.	12 mm
Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	

### General

Wire connection cross section AWG, max.	AWG 16	Wire connection cross section AWG, min.	AWG 28
Mounting rail	TS 35		

## Technical data

### Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Nominal current	17.5 A
Current at maximum wires	17.5 A	Rated impulse withstand voltage	6 kV

### UL rating data

Conductor size Factory wiring max. (cURus)	16 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	28 AWG	Conductor size Factory wiring min. (cURus)	28 AWG
Current size B (cURus)	10 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	16 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**

