

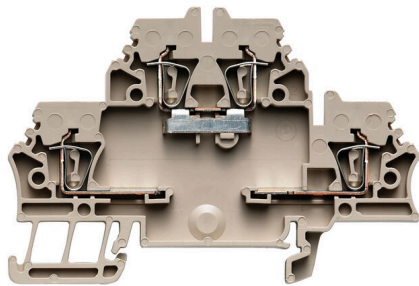
ZDK 2.5/D/0**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Z-series, Component terminal, Double-tier terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection
Order No.	1714970000
Type	ZDK 2.5/D/0
GTIN (EAN)	4008190337292
Qty.	50 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	53 mm	Depth (inches)	2.0866 inch
Depth including DIN rail	54 mm	Height	79.1 mm
Height (inches)	3.1142 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	9.22 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	2	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
--------------------------	----	------------------	---------

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 14
Connection direction	top
Stripping length	10 mm
Type of connection 2	Tension-clamp connection
Type of connection	Tension-clamp connection
Number of connections	4
Clamping range, max.	2.5 mm ²
Clamping range, min.	0.05 mm ²

ZDK 2.5/D/0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Wire connection cross section AWG, min.	AWG 30		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm ²		
Wire connection cross section, finely stranded, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.05 mm ²		
Connection cross-section, stranded, max.	2.5 mm ²		
Connection cross-section, stranded, min.	0.05 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.05 mm ²		
Connection cross-section, finely stranded, min.	0.05 mm ²		
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 ²
		Tube length	min.
		max.	12 mm
		Cross-section for conductor connection	nominal
	Tube length		min.
			max.
	Cross-section for conductor connection		nominal
		Tube length	min.
			max.
		Cross-section for conductor connection	nominal
	Tube length		min.
			max.
	Cross-section for conductor connection		nominal
		Tube length	nominal
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

General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1	Mounting rail	TS 35

Technical data**Rating data**

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	10 A
Current at maximum wires	0.5 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W

Important note

Product information The allowed continuous operating temperature must be observed

Classifications

ETIM 8.0	EC000903	ETIM 9.0	EC000903
ETIM 10.0	EC000903	ECLASS 14.0	27-25-01-14
ECLASS 15.0	27-25-01-14		

Drawings

