

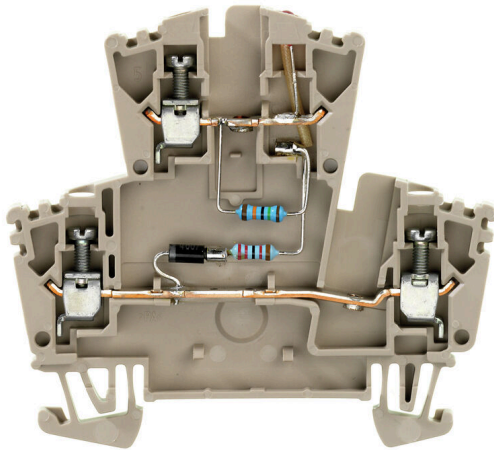
WDK 2.5 LD 1D 2R 115VAC**Weidmüller Interface GmbH & Co. KG**

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	Component terminal block, Screw connection, dark beige, 2.5 mm ² , 115 V, 115 V, Number of connections: 3, Number of levels: 2, TS 35
Order No.	8006320000
Type	WDK 2.5 LD 1D 2R 115VAC
GTIN (EAN)	4008190103330
Qty.	25 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Height	69 mm	Height (inches)	2.7165 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	11.47 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 with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	a3090896-Of16-410d-aabb-617cfb571002

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, with LED	End cover plate required	Yes
Number of potentials	1	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

Open sides	right	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12
Connection direction	on side
Stripping length	10 mm
Type of connection 2	Screw connection
Type of connection	Screw connection
Number of connections	3
Clamping range, max.	2.5 mm ²

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Clamping range, min.	0.13 mm ²			
Wire connection cross section AWG, min.	AWG 26			
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.	2.5 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			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.13 mm ²			
Connection cross-section, finely stranded, min.	0.13 mm ²			
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.5 mm ²	
		max.	4 mm ²	
nominal		2.5 mm ²		
wire end ferrule	Stripping length	min.	10 mm	
		max.	10 mm	
		nominal	10 mm	

Dimensions

TS 35 offset 35.5 mm

Fuse terminals

Type of voltage for indicator AC Current 5 mA

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	115 V
Rated DC voltage	115 V	Nominal current	5 mA

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Current at maximum wires	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		

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Drawings

