

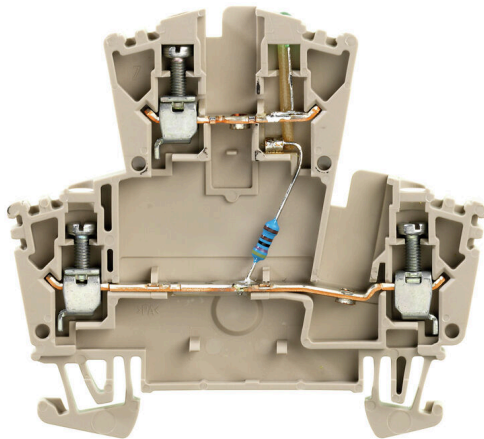
**WDK 2.5 LD GR 1R 24VDC****Weidmüller Interface GmbH & Co. KG**

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 <sup>2</sup> , 24 V, 24 V, Number of connections: 3, Number of levels: 2, TS 35
Order No.	<a href="#">8010040000</a>
Type	WDK 2.5 LD GR 1R 24VDC
GTIN (EAN)	4008190058708
Qty.	25 items

## WDK 2.5 LD GR 1R 24VDC

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Depth including DIN rail	63 mm	Height	69 mm
Height (inches)	2.7165 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	12.27 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)	7cl
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	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
Electronic component	Green LED		

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3
Wire connection cross section AWG, max.	AWG 12
Connection direction	on side
Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm
Stripping length	10 mm
Type of connection 2	Screw connection

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Type of connection	Screw connection			
Number of connections	3			
Clamping range, max.	4 mm <sup>2</sup>			
Clamping range, min.	0.13 mm <sup>2</sup>			
Blade size	0.6 x 3.5 mm			
Wire connection cross section AWG, min.	AWG 30			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 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.	2.5 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.	4 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>			
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm <sup>2</sup>	
		max.	4 mm <sup>2</sup>	
		nominal	2.5 mm <sup>2</sup>	
	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 <sup>2</sup>	
		max.	4 mm <sup>2</sup>	
		nominal	2.5 mm <sup>2</sup>	
	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 DC Current 5 mA

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## Technical data

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1	Mounting rail	TS 35

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	24 V
Rated DC voltage	24 V	Nominal current	10 A
Current at maximum wires	10 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	0.8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Surge voltage category	III
Pollution severity	3		

### Important note

Product information	The allowed continuous operating temperature must be observed
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### 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		

