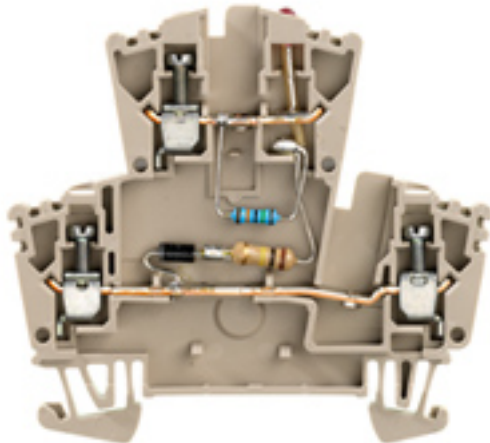


WDK 2.5 LD/RT 1D 2R 230

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

Version	W-Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	8013140000
Type	WDK 2.5 LD/RT 1D 2R 230
GTIN (EAN)	4008190024628
Qty.	25 Stück

Erstellungs-Datum June 1, 2023 11:33:14 AM CEST

WDK 2.5 LD/RT 1D 2R 230

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technische Daten

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.461 inch
Height	69 mm	Height (inches)	2.717 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	11.71 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

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
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

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

Component

Component diode	Type diode	1N4007
	Forward current	1 A
	Reverse voltage	1,300 V
	Forward voltage	0.7 V
Component LED	Colour	green
	Voltage, min.	6 V
	Voltage, max.	24 V
	Current	20 mA
Component resistor	Resistance	150 kOhm
	Power loss	0.4 W
	Tolerance (%)	1 %
	Resistance	100 kOhm
	Power loss	0.5 W
	Tolerance (%)	5 %

Erstellungs-Datum June 1, 2023 11:33:14 AM CEST

WDK 2.5 LD/RT 1D 2R 230

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Conductors for clamping (rated connection)

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
		Recommended wire-end ferrule		
		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
		Recommended wire-end ferrule		
Clamping range, max.		2.5 mm ²		
Clamping range, min.		0.13 mm ²		
Connection direction	on side			
Number of connections	3			
Stripping length	10 mm			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross section, finely stranded, max.	2.5 mm ²			
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm ²			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			

Dimensions

TS 35 offset	35.5 mm
--------------	---------

Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	230 V	Operating voltage for display, min.	230 V
Type of voltage for indicator	AC		

Erstellungs-Datum June 1, 2023 11:33:14 AM CEST

WDK 2.5 LD/RT 1D 2R 230

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	230 V
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W

Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
ETIM 8.0	EC000903	ECLASS 9.0	27-14-11-27
ECLASS 9.1	27-14-11-47	ECLASS 10.0	27-14-11-27
ECLASS 11.0	27-14-11-27	ECLASS 12.0	27-14-11-27

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	a3090896-Of16-410d-aabb-617cfb571002

Important note

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

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

