

WDK 2.5 LD/GN 1D 2R 230**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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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.	1303670000
Type	WDK 2.5 LD/GN 1D 2R 230
GTIN (EAN)	4050118102628
Qty.	25 pc(s).

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Technical data**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

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 %

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Technical data

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		
	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	
	Recommended wire-end ferrule			
Connection direction	on side			
Number of connections	3			
Stripping length	10 mm			
Type of connection	Screw connection			

Dimensions

TS 35 offset 35.5 mm

General

Rail TS 35

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	a3090896-0f16-410d-aabb-617cfb571002

Important note

Product information The allowed continuous operating temperature must be observed

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Approvals



ROHS

Conform

DownloadsApproval/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](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

Data sheet

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Drawings

