

**WDK 2.5 GR****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

Version	Multi-tier modular terminal, Screw connection, 2.5 mm <sup>2</sup> , 400 V, Number of levels: 2, grey
Order No.	<a href="#">1255280000</a>
Type	WDK 2.5 GR
GTIN (EAN)	4050118048124
Qty.	100 pc(s).

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## Technical data

## Dimensions and weights

Depth	63 mm	Depth (inches)	2.48 inch
Depth including DIN rail	63 mm	Height	69.5 mm
Height (inches)	2.736 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	12.03 g

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

## Material data

Material	Wemid	Colour	grey
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO15ATEX1346U	Certificate No. (IECEX)	IECEXULD15.0003U
Max. voltage (ATEX)	275 V	Current (ATEX)	21 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	275 V
Current (IECEX)	21 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>

## System specifications

Version	Screw connection, for screwable cross-connection, 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	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	Yes	Type of mounting	Snap-on
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## Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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## Conductors for clamping (rated connection)

Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.05 mm <sup>2</sup>
Clamping screw	M 2.5	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	on side
Number of connections	4	Stripping length	10 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Type of connection	Screw connection	Type of connection 2	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm <sup>2</sup>	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.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
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## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	400 V
Rated DC voltage	400 V	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	20 A
Current size C (UR)	20 A	Voltage size B (UR)	300 V
Voltage size C (UR)	300 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-02

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">POLSKIREJ certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI WDK 2.5 DU PE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings

