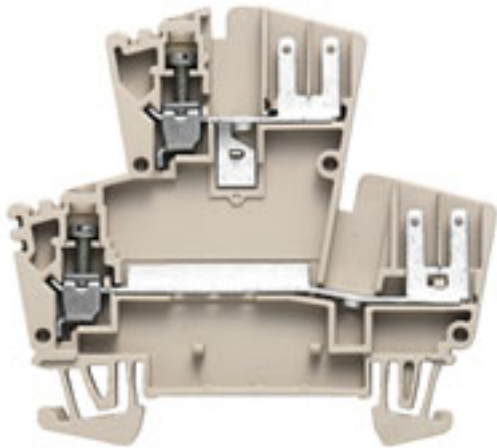


**W terminal with cable-lug connection
WDK 2.5 F**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Type	WDK 2.5 F
Order No.	102160000
Version	W terminal with cable-lug connection, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190062514
Qty.	100 pc(s).

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Technische Daten

Dimensions and weights

Length	69.5 mm	Width	5.1 mm
Height	62.5 mm	Height of lowest version	63 mm
Weight	11.89 g	Net weight	11.73 g

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	1 plug-in connection - 1 plug-in connection, With cable lug connection F2.8, pluggable, One end without connector

CSA ratings data

Certificate No. (CSA)	12400-135	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Type of connection 2	Flat-blade connection
Stripping length	10 mm	Blade size	0.6 x 3.5 mm
Connection direction	on side	Number of connections	2
Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	4 mm ²
Clamping screw	M 2.5	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross section, finely stranded, max.	4 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, rated connection, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 12		

Other connections

Cable-lug connection	Not slit
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Erstellungs-Datum December 13, 2013 11:31:29 AM CET

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Technische Daten

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	12 A
Current at maximum wires	12 A	Standards	IEC 60947-7-1, IEC 61210
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	300 V
Current size C (UR)	10 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Product family	W terminal with cable-lug connection	Type of connection	Screw connection
Type of connection 2	Flat-blade connection	Connection direction	on side
Number of levels	2	Number of connections	2
No. of clamping points per level	3	Levels cross-connected internally	No
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text ordering data	2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).
Descriptive text technical data	With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor..
Descriptive text accessories	Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

Approvals

Approvals



ROHS Conform

Downloads

DXF	12437_WDK_2.5_F_DXF.dxf
STEP	1021600000_12437_WDK_2.5_F_STP.stp