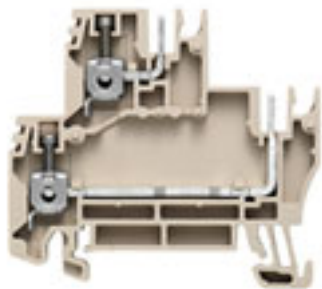


W-Series WDK 2.5/BLZ/5.08/ZA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
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Fon: +49 5231 14-0
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www.weidmueller.com



The idea is simple:

One terminal strip for the functional unit and one plug-in connector for the cable harness. All that remains to be done is to clip the two units together during final assembly. Finished!

General ordering data

Type	WDK 2.5/BLZ/5.08/ZA
Order No.	1034400000
Version	W-Series, Plug-in modular terminals, Feed-through terminal, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4008190193058
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Length	58 mm	Width	5.08 mm
Height	52.5 mm	Height of lowest version	53 mm
Net weight	10.31 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	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	2 screw connections - 2 plug-in connections, With assembly peg, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Current size B (CSA)	24 A
Current size D (CSA)	24 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Technical data
Clampable wires (rated connection)

Type of connection	Screw connection	Type of connection 2	Plug-in connection
Stripping length	10 mm	Blade size	0.6 x 3.5 mm
Connection direction	on side	Number of connections	4
Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	4 mm ²
Clamping screw	M 2.5	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.	2.5 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 20
Wire connection cross section AWG, max.	AWG 12		

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	16.5 A
Current at maximum wires	18 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V	Current size B (UR)	10 A
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Material	Wemid	Colour	Beige
UL 94 flammability rating	V-0		

System specifications

Product family	W-Series	Type of connection	Screw connection
Type of connection 2	Plug-in connection	Connection direction	on side
Number of levels	2	Number of connections	4
No. of clamping points per level	2	Levels cross-connected internally	No
Mounting rail	TS 35	End cover plate required	Yes

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Technical data**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	Dimensions with female header BLZ: length 58 mm / height 63.5 mm
Descriptive text accessories	External cross-connector WQB A, see section on W-series Accessories "potential distribution".

Approvals

Approvals



ROHS

Conform

Downloads

STEP	1034400000_21472_WDK_2.5-BLZ-5.08-ZA_STP.stp
3-D model	

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Drawings

