W-Series
WDU 2.5/10 BEZ/NE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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	WDU 2.5/10 BEZ/NE
Order No.	1020800000
Version	W-Series, Feed-through terminal, Rated cross-section: 2.5 mm², Screw connection, Direct mounting
GTIN (EAN)	4008190133368
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	60 mm	Width	51 mm
Height	46.5 mm	Height of lowest version	47 mm
Weight	84.4 g	Net weight	81.3 g

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA98ATEX1683U	ATEX certificate	KEMA98ATEX1683U_d.pdf
ATEX certificate	KEMA98ATEX1683U_e.pdf	IEC Ex certificate	IECEXULD05.0008U_e.pdf
Max. voltage (ATEX)	690 V	Current (ATEX)	21 A
Wire cross section max. (ATEX)	2.5 mm²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking ATEX Directive 94/9/EC	II 2 G D

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	10	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	600 V
Current size C (CSA)	20 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 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm²

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Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.05 mm²
Clamping screw	M 2.5	Torque level with DMS electric screwdriver	1
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	4 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.25 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Twin wire-end ferrules, max.	1.5 mm²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated current	24 A		

UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	600 V
Voltage size C (UR)	600 V	Current size B (UR)	25 A
Current size C (UR)	25 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 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-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
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		

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Approvals

Approvals	
ROHS	Conform

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Zeichnungen

