W-Series
WDU 4/10/BEZ

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
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	WDU 4/10/BEZ
Order No.	1020900000
Version	W-Series, Feed-through terminal, Rated cross-section: 4 mm², Screw connection, Direct mounting
GTIN (EAN)	4008190172473
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	60 mm	Width	6.1 mm
Height	46.5 mm	Height of lowest version	47 mm
Net weight	102 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)	28 A
Wire cross section max. (ATEX)	4 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

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	600 V
Current size B (CSA)	35 A	Current size C (CSA)	35 A
Wire cross section max. (CSA)	10 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.	4 mm²

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Clamping screw	M 3	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	6 mm²	Wire connection cross section, finely stranded, max.	6 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.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²	Twin wire-end ferrules, min.	0.5 mm²
Twin wire-end ferrules, max.	2.5 mm²		

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Technische Daten

Dimensions

TS 35 offset	32 mm

Rated data

Rated cross-section	4 mm²	Rated voltage	800 V
Rated current	32 A		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	35 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 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
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		

Approvals

Approvals	GOSTEX ME25 IEC EX
ROHS	Conform

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Zeichnungen

