

W-Series
WDU 95N/120N GE/SW

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Shielding and earthing**

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

General ordering data

Type	WDU 95N/120N GE/SW
Order No.	2000110000
Version	Feed-through terminal, Screw connection, 120 mm², 1000 V, 269 A, yellow, black
GTIN (EAN)	4050118455328
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Width	27 mm	Width (inches)	1.063 inch
Height	91 mm	Height (inches)	3.583 inch
Depth	90 mm	Depth (inches)	3.543 inch
Depth including DIN rail	91 mm	Net weight	261.8 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	yellow, black
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	880 V	Current (ATEX)	221 A
Wire cross section max. (ATEX)	120 mm ²	Max. voltage (IECEX)	880 V
Current (IECEX)	221 A	Wire cross section max. (IECEX)	120 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, for screwable cross- connection, in closed state	Tightening torque (clamping screw for copper conductors)	12...20 Nm
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
Rail	TS 35		

Additional technical data

Installation advice	Direct mounting	Type of mounting	Snap-on
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Technical data

Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, max.	150 mm ²
Clamping range, min.	16 mm ²	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm ²	Connection cross-section, stranded, min.	16 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B13
Number of connections	2	Stripping length	27 mm
Tightening torque, max.	20 Nm	Tightening torque, min.	12 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4	Wire connection cross section, finely stranded, max.	120 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm ²
Wire connection cross-section, finely stranded, min.	16 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	16 mm ²		

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated current	269 A	Current at maximum wires	290 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

Classifications

ETIM 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Approvals

Approvals



Downloads

Approval/Certificate/Document of Conformity	IECEX Certificate DE_PT1001_20160418_823_ISSUE01.pdf ATEX Certificate
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	NTI WDU/WPE 95N/120

Safety note

Safety notice	Safety Information
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