

**WDU 95N/120N GE/SW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Protective earth terminal blocks for the functional earth ensure electromagnetic compatibility within an electrical system. Our portfolio ranges from terminal blocks with one or more connections to various rated cross-sections.

**General ordering data**

Version	Feed-through terminal block, Screw connection, 120 mm <sup>2</sup> , 1000 V, 269 A, Number of connections: 2
Order No.	<a href="#">2000110000</a>
Type	WDU 95N/120N GE/SW
GTIN (EAN)	4050118455328
Qty.	5 pc(s).

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## Technical data

### Dimensions and weights

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

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Material data

Material	Wemid	Colour	black/yellow
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 <sup>2</sup>	Max. voltage (IECEX)	880 V
Current (IECEX)	221 A	Wire cross section max. (IECEX)	120 mm <sup>2</sup>
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	End cover plate required	No
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
Rail	TS 35		

### Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Type of mounting	Snap-on		

### Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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## Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, max.	150 mm <sup>2</sup>
Clamping range, min.	16 mm <sup>2</sup>	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm <sup>2</sup>	Connection cross-section, stranded, min.	16 mm <sup>2</sup>
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 <sup>2</sup>
Wire connection cross section, finely stranded, min.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	16 mm <sup>2</sup>		

## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4		

## Rating data

Rated cross-section	120 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC 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
Power loss in accordance with IEC 60947-7-x	8.61 W	Pollution severity	3

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

## Approvals

Approvals



ROHS

Conform

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">IECEX Certificate</a>
	<a href="#">UKCA Ex Attestation of Conformity</a>
	<a href="#">UKCA Ex Certificate</a>
	<a href="#">CE Declaration of Conformity</a>
	<a href="#">ATEX Certificate</a>
	<a href="#">UKCA declaration of conformity</a>
<a href="#">Confirmation of Standards EN 45545-2_2020-10</a>	
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">NTI WDU/WPE 95N/120</a>
	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

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**Accessories****Marker holder**

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

**General ordering data**

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	