

**W-Series
WPE 95N/120N**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WPE 95N/120N
Order No.	1846030000
Version	PE terminal, Screw connection, 95 mm ² , 11400 A (95 mm ²), green / yellow
GTIN (EAN)	4032248394531
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	332.4 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	green / yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	ATEX certificate	ACF-ATEX_4786180920.pdf
Certificate No. (IECEX)	IECEXULD14.0005U	Wire cross section max. (ATEX)	120 mm ²
Current (IECEX)	120 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, With PE connection, closed	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	Yes	Installation advice	Screwed
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	4 AWG		

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Technical data
Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, rated connection, max.	150 mm ²
Clamping range, rated connection, min.	16 mm ²	Clamping screw	M 10
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.	16 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	95 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	16 mm ²	Wire connection cross section, finely stranded, max.	120 mm ²
Wire connection cross section, solid core max. rated connection	16 mm ²	Wire connection cross section, solid core, min. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, max.	150 mm ²	Wire connection cross section, stranded, rated connection, min.	16 mm ²
Wire connection cross-section, finely stranded, min.	16 mm ²		

PE rating data

Rated short-time current	11400 A (95 mm ²)	Centre screw on PE terminals	M 5
Tightening torque range for fixing screw	3.0...4.0 Nm	PEN function	Yes

Rating data

Rated cross-section	95 mm ²	Rated voltage to adjoining terminal	1,000 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.14 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	000 AWG
Conductor size Factory wiring min. (cURus)	4 AWG	Conductor size Field wiring max. (cURus)	000 AWG
Conductor size Field wiring min. (cURus)	4 AWG		

Classifications

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000901
UNSPSC	30-21-18-11	eClass 5.1	27-14-03-05
eClass 6.2	27-14-03-05	eClass 7.1	27-14-03-05
eClass 8.1	27-14-11-41	eClass 9.0	27-14-11-41
eClass 9.1	27-14-11-41		

Product information

Descriptive text ordering data	UL, CSA and ATEX certifications are pending
Descriptive text technical data	For 50 - 150 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.
Descriptive text accessories	Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

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Data sheet

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_WPE_95N_120N.pdf IECEXULD14.0005U_e.pdf DE_PT1002_20160414_264_ISSUE01.pdf ACF-ATEX_4786180920
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI IECEX_WDU-WPE 95N_120.pdf

Safety note

Safety notice [Safety Information](#)

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Drawings

