

**W-Series**  
**WPE 95N/120N****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**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.	<a href="#">1846030000</a>
Version	PE terminal, Screw connection, 95 mm <sup>2</sup> , 11400 A (95 mm <sup>2</sup> ), 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	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	120 mm <sup>2</sup>	Current (IECEX)	120 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

**System specifications**

Version	Screw connection, With PE connection, closed	Tightening torque (mounting screw)	3...4 Nm
Tightening torque (clamping screw for copper conductors)	16...20 Nm	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, 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.	16 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	120 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, finely stranded, 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>		

**PE rating data**

Rated short-time current	11400 A (95 mm <sup>2</sup> )	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 <sup>2</sup>	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 <sup>2</sup> , 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).

**Data sheet****W-Series  
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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](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[NTI\\_IECEX\\_WDU-WPE\\_95N\\_120.pdf](#)**Safety note**

Safety notice

[Safety Information](#)

**Data sheet**

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**Drawings**

