

**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

The PE terminals are available in two designs: standard and compact (N), with rated cross-section from 1.5 mm<sup>2</sup> to 150 mm<sup>2</sup> (e.g. 2.5 mm<sup>2</sup> – WPE 2.5 or 4 mm<sup>2</sup> – WPE 4N).

**General ordering data**

Type	WPE 95N/120N
Order No.	<a href="#">1846030000</a>
Version	W-Series, PE terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4032248394531
Qty.	5 pc(s).

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## Technische Daten

### Dimensions and weights

Length	91 mm	Width	27 mm
Height	90 mm	Height of lowest version	91 mm
Net weight	335.987 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	Wire cross section max. (ATEX)	120 mm <sup>2</sup>
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking EN 60079-7	Ex e II	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	1	Open sides	closed
Type of mounting	Snap-on	Version	Screw connection, With PE connection, closed

### CSA ratings data

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

### Clampable wires (rated connection)

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

### Rated data

Rated cross-section	95 mm <sup>2</sup>	Rated voltage to adjoining terminal	1,000 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Standards	IEC 60947-7-2
Pollution severity	3		

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## Technische Daten

### UL ratings 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		

### Material data

Material	Wemid	Colour	Yellow, Green
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
End cover plate required	No		

### Classifications

ETIM 3.0	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		

### 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).

### Approvals

Approvals



ROHS Conform

**Datenblatt**

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**Zeichnungen**

