

**W-Series  
WPE 70N/35**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
Fon: +49 5231 14-0  
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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 70N/35
Order No.	<a href="#">9512200000</a>
Version	W-Series, PE terminal, Rated cross-section: 70 mm <sup>2</sup> , Screw connection, Screwed
GTIN (EAN)	4008190403881
Qty.	10 pc(s).

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## Technical data

### Dimensions and weights

Width	20.5 mm	Height	75 mm
Depth	85 mm	Net weight	185.633 g

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Additional technical data

Explosion-tested version	Yes	Installation advice	Screwed
Number of similar terminals	1	Open sides	closed
Type of mounting	Screwed	Version	Screw connection, With PE connection, closed

### CSA ratings data

Certificate No. (CSA)	200039-1581431	Wire cross section max. (CSA)	000 AWG
Wire cross section min. (CSA)	6 AWG		

### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	22 mm
Blade size	S6 (DIN 6911)	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	10 mm <sup>2</sup>
Clamping range, rated connection, max.	95 mm <sup>2</sup>	Clamping screw	M 8
Tightening torque, min.	8 Nm	Tightening torque, max.	12 Nm
Gauge to IEC 60947-1	B11	Wire connection cross section, solid core, min. rated connection	10 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.	10 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	95 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	70 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	10 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	10 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	70 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	70 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 6
Wire connection cross section AWG, max.	AWG 2/0		

### Rated data

Rated cross-section	70 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		

## Data sheet

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## Technical data

### UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	000 AWG
Conductor size Factory wiring min. (cURus)	6 AWG	Conductor size Field wiring max. (cURus)	000 AWG
Conductor size Field wiring min. (cURus)	6 AWG		

### PT OKIECEX/ATEX rating data

Certificate No. (ATEX)	KEMA98ATEX1683U	ATEX certificate	KEMA98ATEX1683U_d.pdf
ATEX certificate	KEMA98ATEX1683U_e.pdf	Certificate No. (IECEX)	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf	Wire cross section max. (IECEX)	70 mm <sup>2</sup>
Wire cross section max. (IECEX)	70 mm <sup>2</sup>	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
Marking ATEX Directive 94/9/EC	II 2 G D		

### 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
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	No	PE connection	Yes

### Classifications

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000491
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	27141141	eClass 9.0	27141141

### Product information

Descriptive text technical data	For 50 - 95 mm <sup>2</sup> , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.
Descriptive text accessories	Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

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**Drawings**

