

**W-Series
WPE 4/ZZ****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

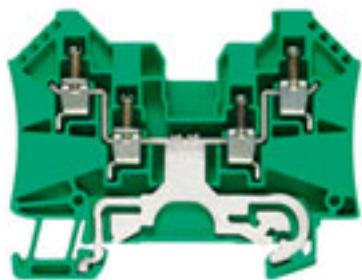
D-32758 Detmold

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 mm² to 150 mm² (e.g. 2.5 mm² – WPE 2.5 or 4 mm² – WPE 4N).

General ordering data

Type	WPE 4/ZZ
Order No.	1905130000
Version	W-Series, PE terminal, Rated cross-section: 4 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4032248523382
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	70 mm	Width	6.1 mm
Height	53 mm	Height of lowest version	53 mm
Net weight	18.177 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)	KEMA08ATEX0014U	ATEX certificate	KEMA08ATEX0014U_d.pdf
ATEX certificate	KEMA08ATEX0014U_e.pdf	Wire cross section max. (ATEX)	4 mm ²
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

Installation advice	Direct mounting	Open sides	right
Type of mounting		Version	Screw connection, Twin connection, With PE connection, One end without connector
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	30 AWG		

Clampable wires (additional connection)

Rated cross-section, further connection	4 mm ²	Connection direction	on side
Number of connections, additional connection	1	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²		

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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, stranded, rated connection, min.	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

Dimensions

TS 35 offset	28 mm
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Other connections

Number of connections, additional connection	1
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Rated data

Rated cross-section	4 mm ²	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Rated current	8 A
Standards	IEC 60947-7-2	Pollution severity	3

UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	30 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
Mounting rail	TS 35		

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PE rating data

Pollution severity	3	Rated cross-section	4 mm ²
Rated current	8 A	Rated short-time current	480 A (4 mm ²)
Standards	IEC 60947-7-2	Torque level with DMS electric screwdriver	2

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 accessories Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Approvals

Approvals



ROHS Conform