

**W-Series
WPE 2.5 WS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

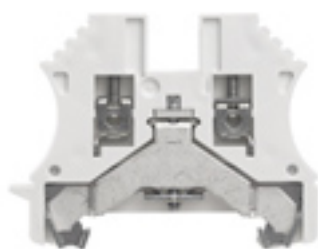
D-32758 Detmold

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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 2.5 WS
Order No.	1010010000
Version	W-Series, PE terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190089542
Qty.	100 pc(s).

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Technische Daten

Dimensions and weights

Length	60 mm	Width	5.1 mm
Height	46.5 mm	Height of lowest version	47 mm
Weight	18.86 g	Net weight	16.86 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)	2.5 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 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	right
Type of mounting		Version	Screw connection, With PE connection, One end without connector
	Screwed		

CSA ratings data

Certificate No. (CSA)	200039-1888378	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	4 mm ²	Clamping screw	M 2.5
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Torque level with DMS electric screwdriver	1	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 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.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²

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Dimensions

TS 35 offset 32 mm

Rated data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Standards	IEC 60947-7-2
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Material	Wemid	Colour	White
UL 94 flammability rating	V-0		

System specifications

Product family	W-Series	Type of connection	Screw connection
Connection direction	top	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	Yes		

PE rating data

Centre screw on PE terminals	M 2.5	PEN function	No
Pollution severity	3	Rated cross-section	2.5 mm ²
Rated short-time current	300 A (2.5 mm ²)	Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.4...0.8 Nm	Torque level with DMS electric screwdriver	1

Classifications

ETIM 3.0	EC000901	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Approvals

Approvals



ROHS Conform