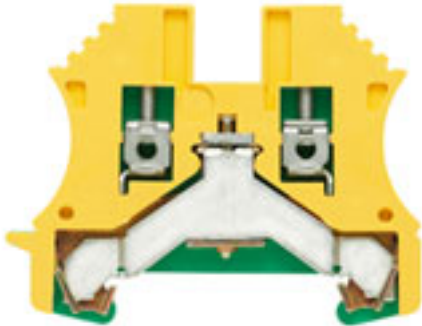


**W-series terminal with clamping yoke connection  
WPE 2.5**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
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**

Order No.	<a href="#">1010000000</a>
Type	WPE 2.5
Version	W-series terminal with clamping yoke connection, Earth terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4008190143640
Qty.	100 pc(s).

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### Technical data

#### Dimensions

Length	60 mm	Width	5.1 mm
Height	46.5 mm	Height of lowest version	47 mm
Weight	18.86 g		

#### Temperatures

Operating temperature	Storage temperature
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#### Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA98ATEX1683U	ATEX certificate	KEMA98ATEX1683U_d.pdf
ATEX certificate	KEMA98ATEX1683U_e.pdf	IEC Ex certificate	IECExULD05.0008U_e.pdf
Wire cross section max. (ATEX)	2.5 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		

#### Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	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 <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	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 <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>

#### Dimensions

TS 35 offset	32 mm
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Creation date January 18, 2012 11:16:21 PM CET

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**Technical data****Rated data**

Rated cross-section	2.5 mm <sup>2</sup>	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)	E60693VOL1SEC38	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	yellow, green
Flammability class UL 94	V-0		

**System specifications**

Product family	W-series terminal with clamping yoke connection	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 <sup>2</sup>
Rated short-time current	300 A (2.5 mm <sup>2</sup> )	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 2.0	EC000901	ETIM 3.0	EC000901
ETIM 4.0	EC000491	UNSPSC	30-21-18-11
eClass 4.1	27-14-03-05	eClass 5.1	27-14-03-05
eClass 6.0	27-14-03-05		

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**Technical data**

**Approvals**

Approvals



**Product information**

Note, technical data	2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)

**Downloads**

STEP	<a href="#">1010000000_24803_WPE_2.5_STP.stp</a>
3-D model	