

**W-Series
WPE 1.5/R3.5**

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 versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Type	WPE 1.5/R3.5
Order No.	1798460000
Version	W-Series, PE terminal, Rated cross-section: 1.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4032248330003
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Length	24.5 mm	Width	3.5 mm
Height	24 mm	Height of lowest version	25 mm
Net weight	2.14 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, With PE connection, One end without connector

CSA ratings data

Certificate No. (CSA)	200039-1352963	Wire cross section max. (CSA)	18 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

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.	1.5 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	7 mm
Blade size	0.4 x 2.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	1.5 mm ²	Clamping screw	M 2
Tightening torque, min.	0.3 Nm	Gauge to IEC 60947-1	A1
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	1.5 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	1.5 mm ²
Wire connection cross section, finely stranded, max.	1.5 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.	1.5 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.	0.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16

Dimensions

TS 15 offset	13.5 mm
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Data sheet

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Technical data

Rated data

Rated cross-section	1.5 mm ²	Rated voltage to adjoining terminal	400 V
Rated impulse withstand voltage	4 kV	Rated impulse withstand voltage to adjacent terminal	6 kV
Standards	IEC 60947-7-2	Pollution severity	3

Strap connection

Band 1, No. of layers, max.	1.5
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UL ratings data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	18 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	18 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
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 15
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000901	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text technical data	PZ 6/5 recommended as crimping tool for 1.5 mm ² with wire-end ferrule
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Approvals

Approvals



ROHS	Conform
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Drawings

