

**W-Series  
WPE 120/150**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	WPE 120/150
Order No.	<a href="#">1019700000</a>
Version	PE terminal, Screw connection, 120 mm <sup>2</sup> , 14400 A (120 mm <sup>2</sup> ), green / yellow
GTIN (EAN)	4008190495671
Qty.	10 pc(s).

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**Technical data**
**Dimensions and weights**

Width	32 mm	Width (inches)	1.26 inch
Height	132 mm	Height (inches)	5.197 inch
Depth	117 mm	Depth (inches)	4.606 inch
Depth including DIN rail	125.5 mm	Net weight	579.85 g

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Material data**

Material	Wemid	Colour	green / yellow
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	150 mm <sup>2</sup>	Wire cross section max. (IECEX)	150 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

**System specifications**

Version	Screw connection, With PE connection, closed	Tightening torque (mounting screw)	3...6 Nm
Tightening torque (clamping screw for copper conductors)	10...20 Nm	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

**Additional technical data**

Explosion-tested version	Yes	Installation advice	Screwed
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed

**CSA rating data**

Certificate No. (CSA)	12400-382	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	2 AWG		

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**Technical data**
**Conductors for clamping (rated connection)**

Blade size	S6 (DIN 6911)	Clamping range, max.	150 mm <sup>2</sup>
Clamping range, min.	33.62 mm <sup>2</sup>	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm <sup>2</sup>	Connection cross-section, stranded, min.	35 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B13
Number of connections	2	Stripping length	35 mm
Tightening torque, max.	20 Nm	Tightening torque, min.	10 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	150 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	150 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	35 mm <sup>2</sup>		

**Dimensions**

TS 35 offset	32 mm
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**PE rating data**

Rated short-time current	14400 A (120 mm <sup>2</sup> )	Centre screw on PE terminals	M 6
Tightening torque range for fixing screw	3.0...6.0 Nm	PEN function	Yes

**Rating data**

Rated cross-section	120 mm <sup>2</sup>	Rated voltage to adjoining terminal	1,000 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Pollution severity	3

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	250 kcmil
Conductor size Factory wiring min. (UR)	2 AWG	Conductor size Field wiring max. (UR)	250 kcmil
Conductor size Field wiring min. (UR)	2 AWG		

**Classifications**

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	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
eClass 8.1	27-14-11-41	eClass 9.0	27-14-11-41
eClass 9.1	27-14-11-41		

**Product information**

Descriptive text technical data	For 50 - 150 mm <sup>2</sup> , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.
Instructions for accessories	Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">IECEXULD14.0005U_e.pdf</a> <a href="#">DE_PT1002_20160414_249_ISSUE01.pdf</a> <a href="#">ACF-ATEX_4786180920</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>

**Safety note**

Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

