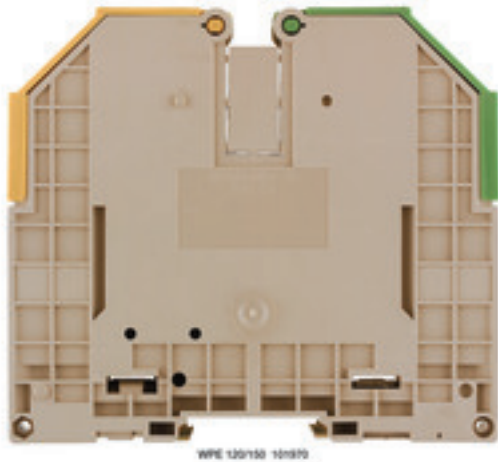


WPE 120/150**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Version	PE terminal, Screw connection, 120 mm ² , 14400 A (120 mm ²), Green/yellow
Order No.	1019700000
Type	WPE 120/150
GTIN (EAN)	4008190495671
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	117 mm	Depth (inches)	4.606 °C
Depth including DIN rail	125.5 mm	Height	132 mm
Height (inches)	5.197 °C	Width	32 mm
Width (inches)	1.26 °C	Net weight	564.253 g

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

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 mm²	Wire cross section max. (IECEX)	150 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
			Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, With PE connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

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

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

Dimensions

TS 35 offset	32 mm
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General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2		

PE rating data

Rated short-time current	14400 A (120 mm ²)	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 Nm	Rated voltage to adjoining terminal	1,000 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.12 °C
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	8.61 W
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	UL_wire_max_Print	250 MBit/s
UL_wire_min_Print	2 A / 6 A / 10 A / 13 A / 15 A		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41		

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	IECEX Certificate Attestation of Conformity CB Test Certificate CB Certificate EAC certificate INMETRO certificate EAC EX Certificate CCC Ex Certificate Declaration of Conformity ATEX Certificate Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI WDU/WPE 120/150 StorageConditionsTerminalBlocks Instruction
Catalogues	Catalogues in PDF-format
Brochures	

WPE 120/150

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Drawings

