

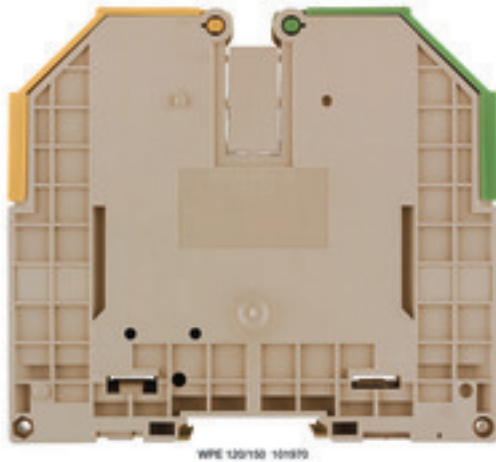
WPE 120/150**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

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).

Creation date February 28, 2023 7:01:32 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

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 ²	Wire cross section max. (IECEX)	150 mm ²
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, 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 mm ²
Clamping range, min.	33.62 mm ²	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm ²	Connection cross-section, stranded, min.	35 mm ²
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 AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 2	Wire connection cross section, finely stranded, max.	150 mm ²
Wire connection cross section, finely stranded, min.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	150 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	35 mm ²		

Dimensions

TS 35 offset	32 mm
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General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 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 mm ²	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	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		

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Technical data

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	ECLASS 12.0	27-14-11-41

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	1007fa59-32ea-4163-aa91-1482deede565

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	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 UKCA Ex Certificate CE Declaration of Conformity ATEX Certificate CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WDU70-95_120-150.pdf NTI WDU/WPE 120/150 StorageConditionsTerminalBlocks Instruction
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

