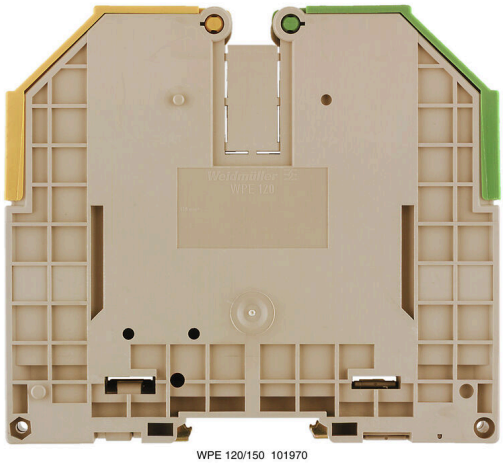
Data sheet

WPE 120/150

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



RoHS COMPLIANT

More and more components need to be housed within a confined space, in switchgear and panels. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient, and space-saving.

General ordering data

Version	PE terminal, Screw connection, Green/yellow, 120 mm², 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	1019700000
Type	WPE 120/150
GTIN (EAN)	4008190495671
Qty.	10 items

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Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	117 mm	Depth (inches)	4.6063 inch
Depth including DIN rail	125.5 mm	Height	132 mm
Height (inches)	5.1968 inch	Width	32 mm
Width (inches)	1.2598 inch	Net weight	564.25 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption	
RoHS Exemption (if applicable/known)	6c	
REACH SVHC	Lead 7439-92-1	
SCIP	1007fa59-32ea-4163-aa91-1482deede565	
Product Carbon Footprint	Cradle to gate	5.889 kg CO2 eq.

Material data

Basic 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
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
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

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Technical data

Additional technical data

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

CSA rating data

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

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B13	Wire connection cross section AWG, max.	kcmil 250
Connection direction	on side	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	Stripping length	35 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	150 mm²	Clamping range, min.	33.62 mm²
Clamping screw	M 10	Blade size	S6 (DIN 6911)
Wire connection cross section AWG, min.	AWG 2	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	150 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	35 mm²	Wire connection cross section, finely stranded, max.	150 mm²
Wire connection cross section, finely stranded, min.	35 mm²	Connection cross-section, stranded, max.	150 mm²
Connection cross-section, stranded, min.	35 mm²	Wire connection cross-section, solid core, max.	150 mm²
Wire connection cross-section, solid core, min.	35 mm²		

Dimensions

TS 35 offset	32 mm

General

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

Rating data

Rated cross-section	120 mm²	Rated voltage to adjoining terminal	1000 V
Rated DC voltage	1000 V	Standards	IEC 60947-7-2

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Technical data

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	0.00 W	Pollution severity	3

UL rating data

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

Classifications

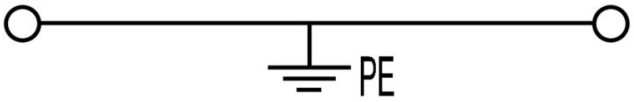
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ECLASS 15.0	27-25-01-03		

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Drawings



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