

P-series PDK 2.5/4 PE

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Consistent reduction in variants for the PE terminal The three terminal series PPE 2.5/4, PPE 6/10 and PPE 16 enable wiring with up to 16 mm² to be carried out rationally.

General ordering data

Type	PDK 2.5/4 PE
Order No.	1918710000
Version	P-series, PE terminal, Double-tier terminal, Rated cross-section: PUSH IN
GTIN (EAN)	4032248554577
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	82.5 mm	Width	5.1 mm
Height	58 mm	Height of lowest version	58.5 mm
Net weight	21.92 g		

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA06ATEX0177U	ATEX certificate	IECEXKEM06.0032U
ATEX certificate	KEMA06ATEX0177U_e.pdf	Certificate No. (IECEX)	IECEXKEM06.0032U
IEC Ex certificate	IECEXKEM06.0032U_e.pdf	Wire cross section max. (ATEX)	4 mm ²
Wire cross section max. (IECEX)	4 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

Explosion-tested version	Yes	Open sides	right
Type of mounting	Snap-on	Version	PUSH IN connection, With PE connection, Vertically cross-connected, One end without connector

CSA ratings data

Certificate No. (CSA)	200039-1751332	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	PUSH IN	Connection direction	top
Number of connections	4	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	6 mm ²	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, finely stranded, max.	4 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.	4 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.	4 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

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Rated data

Rated voltage to adjoining terminal	800 V	Rated impulse withstand voltage to adjacent terminal	8 kV
Standards	IEC 60947-7-2	Pollution severity	3

UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG		

Material data

Material	Wemid	Colour	Yellow, Green
UL 94 flammability rating	V-0		

System specifications

Product family	P-series	Type of connection	PUSH IN
Connection direction	top	Number of levels	1
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	Yes	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000898	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		

Product information

Descriptive text ordering data	For 4 mm ² conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203630000).
Descriptive text accessories	Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Approvals

Approvals



ROHS	Conform
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