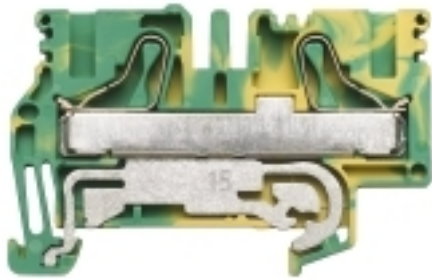


## P-series PPE 6/10

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



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 mm<sup>2</sup> to be carried out rationally.

### General ordering data

Type	PPE 6/10
Order No.	<a href="#">1896180000</a>
Version	P-series, PE terminal, Rated cross-section: 10 mm <sup>2</sup> , PUSH IN
GTIN (EAN)	4032248511105
Qty.	25 pc(s).

**P-series  
PPE 6/10**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

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

Width	8.1 mm	Height	63.5 mm
Height of lowest version	41.5 mm	Depth	40.5 mm
Net weight	22.065 g		

**Temperatures**

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)	6 mm <sup>2</sup>
Wire cross section max. (IECEx)	6 mm <sup>2</sup>	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, One end without connector

**CSA ratings data**

Certificate No. (CSA)	200039-1751332	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	14 AWG		

**Clampable wires (rated connection)**

Type of connection	PUSH IN	Stripping length	14 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	1.5 mm <sup>2</sup>
Clamping range, rated connection, max.	10 mm <sup>2</sup>	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, min. rated connection	1.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	6 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section AWG, max.	AWG 8

**Data sheet**

**P-series  
PPE 6/10**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data**

**Rated data**

Rated cross-section	10 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Rated current	57 A
Standards	IEC 60947-7-2	Pollution severity	3

**UL ratings data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	14 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	14 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	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

**Classifications**

ETIM 3.0	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		

**Product information**

Descriptive text ordering data For 10 mm<sup>2</sup> conductors, use wire-end ferrules with plastic collars optimised for diameter (No. 9203620000).

**Approvals**

Approvals



ROHS Conform

**Data sheet**

**P-series**  
**PPE 6/10**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

