

**P-series  
PDU 2.5/4/4AN**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Fon: +49 5231 14-0  
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Turn five into three – that's the winning formula of the new P series with the PUSH IN connection system in which the pitches for 2.5, 4, 6 and 10 mm<sup>2</sup> are each combined in one terminal block. That means you now need only three rows of terminals for wiring five pitches up to 16 mm<sup>2</sup>.

This innovative concept unites the efficiency of the wide pitch with the compactness of the narrow one. The result is a maximum rated current and minimum size at the same time. That eases the workload in purchasing, logistics and design.

**General ordering data**

Type	PDU 2.5/4/4AN
Order No.	<a href="#">1896130000</a>
Version	P-series, Feed-through terminal, Rated cross-section: PUSH IN
GTIN (EAN)	4032248511174
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	78.5 mm	Width	5.1 mm
Height	38 mm	Height of lowest version	39 mm
Net weight	10.82 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	Max. voltage (ATEX)	550 V
Current (ATEX)	29 A	Wire cross section max. (ATEX)	4 mm <sup>2</sup>
Max. voltage (IECEX)	550 V	Current (IECEX)	29 A
Wire cross section max. (IECEX)	4 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, 4 connections, for plug-in cross-connector, One end without connector

### CSA ratings data

Certificate No. (CSA)	200039-1751332	Voltage size C (CSA)	600 V
Current size C (CSA)	30 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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## Technische Daten

### Clampable wires (rated connection)

Type of connection	PUSH IN	Stripping length	12 mm
Blade size	3.0 x 0.5 mm	Connection direction	top
Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	6 mm <sup>2</sup>
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 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.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Finely stranded, min. (rated connection)	0.21 mm <sup>2</sup>
Finely stranded, max. (rated connection)	4 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>	Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 10		

### Rated data

Rated voltage	800 V	Rated impulse withstand voltage	8 kV
Rated current	32 A	Standards	IEC 60947-7-1
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	Current size C (cURus)	30 A
Voltage size C (cURus)	600 V	Wire cross section max. (cURus)	10 AWG

### Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

### System specifications

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

### Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

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**Datenblatt****P-series  
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www.weidmueller.com**Technische Daten****Product information**

Descriptive text ordering data	For 4 mm <sup>2</sup> 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

**Datenblatt**

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**Zeichnungen**

