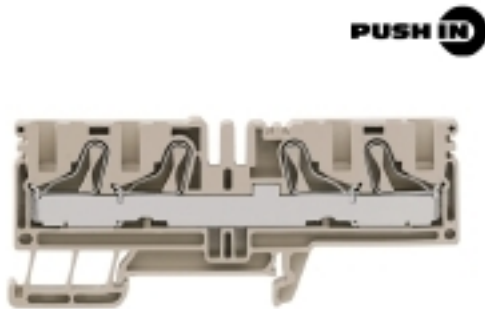


**P-series  
PDU 6/10/4AN**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com

**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

**General ordering data**

Type	PDU 6/10/4AN
Order No.	<a href="#">1083040000</a>
Version	Feed-through terminal, PUSH IN, 10 mm <sup>2</sup> , 800 V, 57 A, Dark Beige
GTIN (EAN)	4032248945542
Qty.	50 pc(s).

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## Technical data

### Dimensions and weights

Width	8.1 mm	Width (inches)	0.319 inch
Height	97 mm	Height (inches)	3.819 inch
Depth	40.5 mm	Depth (inches)	1.594 inch
Depth including DIN rail	41.5 mm	Net weight	24.6 g

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Material data

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

### System specifications

Version	PUSH IN connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

### Additional technical data

Open sides	right	Type of mounting	Snap-on
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### Conductors for clamping (rated connection)

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

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**Technical data****Rating data**

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	800 V
Rated current	57 A	Current at maximum wires	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

**UL rating 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	Current size B (cURus)	47 A
Current size C (cURus)	47 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1701_20160415_065_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Beipackzettel_PDU.pdf</a>

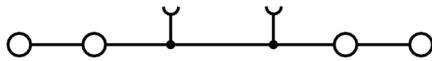
**Safety note**Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

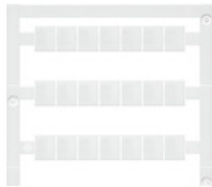


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# Accessories

## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/8	<a href="#">1905950000</a>	WS, Terminal marker, 10 x	4032248528103	420 pc(s).
PLUS MC NE		8 mm, Pitch in mm (P): 8.00		
WS		Weidmueller, White		

## End plates



### Spring connection with PUSH IN Technology

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### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PAP PDU 6/10 4AN	<a href="#">1165070000</a>	P-series, End plate, Dark Beige, 2.5 mm	4032248990634	20 pc(s).

## Tools



Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 0.5X3.0X80	<a href="#">9008320000</a>	Screwdriver, Blade width (B): 3 mm, Blade length: 80	4032248056262	1 pc(s).

Creation date January 1, 2018 10:15:13 AM CET

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## Accessories

mm, Blade thickness (A):  
 0.5 mm

### ZQV 6



**Spring connection with tension clamp Technology**  
 Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

#### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 6N/20	<a href="#">1906240000</a>	Z-series, Cross-connector, For the terminals, No. of poles: 20	4032248528684	20 pc(s).
ZQV 6N/3	<a href="#">1906220000</a>	Z-series, Cross-connector, For the terminals, No. of poles: 3	4032248528660	60 pc(s).
ZQV 6N/4	<a href="#">1906230000</a>	Z-series, Cross-connector, For the terminals, No. of poles: 4	4032248528677	60 pc(s).
ZQV 6N/2	<a href="#">1906210000</a>	Z-series, Cross-connector, For the terminals, No. of poles: 2	4032248528653	60 pc(s).

### Covers



**Spring connection with PUSH IN Technology**  
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#### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PAD 6/10/4	<a href="#">1916160000</a>	P-series, Cover, Yellow, 5.3 mm	4032248549160	80 pc(s).

**Data sheet**

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**Accessories**

**End brackets**



**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
ZEW 35	<a href="#">9540000000</a>	Z-series, End bracket	4008190956264	20 pc(s).