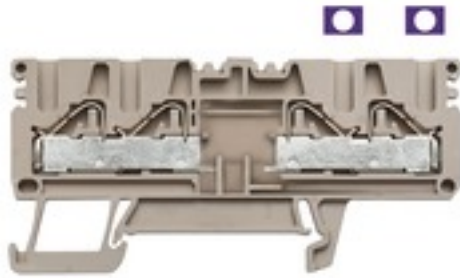


**P-series  
PDU 2.5/4/2X2AN**

**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 2.5/4/2X2AN
Order No.	<a href="#">1022220000</a>
Version	Feed-through terminal, PUSH IN, 4 mm <sup>2</sup> , 800 V, 32 A, Dark Beige
GTIN (EAN)	4032248826865
Qty.	50 pc(s).

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

Width	5.1 mm	Width (inches)	0.201 inch
Height	78 mm	Height (inches)	3.071 inch
Depth	38 mm	Depth (inches)	1.496 inch
Depth including DIN rail	39 mm	Net weight	9.902 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, One end without connector	End cover plate required	Yes
Number of potentials	2	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	3.0 x 0.5 mm	Clamping range, rated connection, max.	6 mm <sup>2</sup>
Clamping range, rated connection, min.	0.13 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.	0.5 mm <sup>2</sup>	Finely stranded, max. (rated connection)	4 mm <sup>2</sup>
Finely stranded, min. (rated connection)	0.21 mm <sup>2</sup>	Gauge to IEC 60947-1	A3
Number of connections	4	Stripping length	12 mm
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>	Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>
Type of connection	PUSH IN	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	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, max.	4 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	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.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**Dimensions**

TS 35 offset	37.5 mm
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Creation date October 4, 2017 3:43:49 PM CEST

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

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated current	32 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Pollution severity	3

**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	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

**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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1701_20160415_047_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**



**P-series  
PDU 2.5/4/2X2AN**

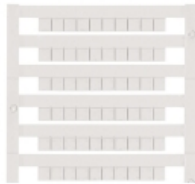
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**Accessories**
**Test adapter**
**Spring connection with PUSH IN Technology**

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**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
PTA ZA	<a href="#">1916190000</a>	Test adapter, Rated control	4032248549191	25 pc(s).
PDU2.5/4		voltage:		
PTA	<a href="#">1916180000</a>	Test adapter, Rated control	4032248549184	25 pc(s).
PDU2.5/4		voltage:		

**Blank**


The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 MC	<a href="#">1609801044</a>	Dekafix, Terminal marker,	4008190397111	1,000 pc(s).
NE WS		5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, White		

**Data sheet**

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**Accessories**

**End plates**

**Spring connection with PUSH IN Technology**

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**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
PAP 2.5/4/4AN	<a href="#">1896320000</a>	P-series, End plate, Dark Beige, 2.5 mm	403224851143350	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 mm, Blade thickness (A): 0.5 mm	4032248056262	1 pc(s).

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**Accessories**

**Covers**

**Spring connection with PUSH IN Technology**

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**General ordering data**

Type	Order No.	Version	GTIN (EAN)	Qty.
PAD 2.5/4/4	<a href="#">1916150000</a>	P-series, Cover, Yellow, 5.1 mm	4032248549153	80 pc(s).

**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 10/5 MC NE WS	<a href="#">1635000000</a>	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4008190261948	720 pc(s).

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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).

## Reduction Sleeves

### Spring connection with PUSH IN Technology

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### General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PRH 2.5/4/1	<a href="#">1916410000</a>	P-series, Reducing sleeve	4032248549412	100 pc(s).
PRH 2.5/4/2	<a href="#">1916400000</a>	P-series, Reducing sleeve	4032248549009	100 pc(s).