

**PDL 4 S/N/L/PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

Version	Installation multi-tier terminal, PUSH IN, 4 mm <sup>2</sup> , 400 V, 32 A, dark beige
Order No.	<a href="#">1837050000</a>
Type	PDL 4 S/N/L/PE
GTIN (EAN)	4032248419722
Qty.	50 pc(s).

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Catalogue status 21.05.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Depth including DIN rail	48.5 mm	Height	100 mm
Height (inches)	3.937 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	20.83 g

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

### Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

### System specifications

Version	PUSH IN connection, N, L and PE connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	3	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	Yes
PE function	Yes	PEN function	No

### Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on

### Conductors for clamping (rated connection)

Blade size	3.0 x 0.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.08 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	5
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, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

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## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1 (-7-2)		

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	400 V
Rated current	32 A	Current at maximum wires	36 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Rated impulse withstand voltage to adjacent terminal	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

## Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ECLASS 9.0	27-14-11-25	ECLASS 9.1	27-14-11-25
ECLASS 10.0	27-14-11-25	ECLASS 11.0	27-14-11-25

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Beipackzettel_PDL4.pdf</a> <a href="#">IS PDL 4S</a> <a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

