

**P-series
PDL 4 S/N/L/PE**

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

**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

Type	PDL 4 S/N/L/PE
Order No.	1837050000
Version	Installation multi-tier terminal, PUSH IN, 4 mm ² , 400 V, 32 A, Dark Beige
GTIN (EAN)	4032248419722
Qty.	50 pc(s).

P-series PDL 4 S/N/L/PE

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	5.1 mm	Width (inches)	0.201 inch
Height	100 mm	Height (inches)	3.937 inch
Depth	48 mm	Depth (inches)	1.89 inch
Depth including DIN rail	48.5 mm	Net weight	20.48 g

Temperatures

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
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting 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, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.08 mm ²	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 ²	Gauge to IEC 60947-1	A3
Number of connections	5	Stripping length	12 mm
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	PUSH IN	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Data sheet

P-series PDL 4 S/N/L/PE

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

PE rating data

Rated short-time current	480 A (4 mm ²)	PEN function	No
--------------------------	----------------------------	--------------	----

Rating data

Rated cross-section	4 mm ²	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	2 mΩ
Rated impulse withstand voltage	6 kV	Rated impulse withstand voltage to adjacent terminal	6 kV
Pollution severity	3		

Classifications

ETIM 3.0	EC001329	ETIM 4.0	EC001329
ETIM 5.0	EC001329	ETIM 6.0	EC001329
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-25
eClass 6.2	27-14-11-25	eClass 7.1	27-14-11-25
eClass 8.1	27-14-11-25	eClass 9.0	27-14-11-25
eClass 9.1	27-14-11-25		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1703_20160415_016_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_PDL4.pdf IS PDL 4S

Safety note

Safety notice [Safety Information](#)

Data sheet

P-series
PDL 4 S/N/L/PE

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

Drawings

