

P-series PDL 4/L/L

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 1429-0
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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/L/L
Order No.	1882590000
Version	Installation multi-tier terminal, PUSH IN, 4 mm², 400 V, 32 A, Dark Beige
GTIN (EAN)	4032248485796
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	100 mm	Height (inches)	3.937 inch
Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49.1 mm	Net weight	19.92 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, L and L connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
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

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

CSA rating data

Certificate No. (CSA)	200039-1751332	Current size B (CSA)	20 A
Voltage size B (CSA)	300 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	28 AWG		

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Technical data
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	4	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

PE rating data

PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	32 A	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		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	17 A
Current size C (cURus)	17 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	150 V
Voltage size D (cURus)	300 V		

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		

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1703_20160415_019_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
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Data sheet**P-series
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Drawings