

**P-series
PDL 4/TR/DU**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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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

Type	PDL 4/TR/DU
Order No.	1899 190000
Version	Test-disconnect terminal, PUSH IN, 4 mm ² , 400 V, 20 A, Pivoting, dark beige
GTIN (EAN)	4032248551316
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	49.5 mm	Net weight	20.14 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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, Spacer, for plug-in cross- connector, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Mounting plate every 200 mm	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, max.	4 mm ²
Clamping range, min.	0.08 mm ²	Connection cross-section, finely stranded, max.	4 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	top	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, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
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PE rating data

PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	20 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Rated impulse withstand voltage	4 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 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate DE_PT1703_20160415_024_ISSUE01.pdf Declaration of Conformity Terminals
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Beipackzettel_PDL4.pdf IS PDL 4S StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

