

PDL 4/NT/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 ² , 400 V, 20 A, dark beige
Order No.	1882620000
Type	PDL 4/NT/L/PE
GTIN (EAN)	4032248485925
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	48.35 mm	Depth (inches)	1.904 inch
Depth including DIN rail	49.1 mm	Height	100 mm
Height (inches)	3.937 inch	Net weight	23.1 g
Width	5.1 mm	Width (inches)	0.201 inch

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, NT, L and PE connection, Spacer, 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	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, 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	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, 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 with wire-end ferrules DIN 46228/4, 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		

General

Rail	TS 35
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Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	400 V	Rated current	20 A
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	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 D (cURus)	10 A	UL_current_Print	17 A
UL_voltage_Print	300 V	UL_wire_max_Print	10 AWG
UL_wire_min_Print	28 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V		

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

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_PDL4.pdf IS PDL 4S StorageConditionsTerminalBlocks

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Drawings

