

**P-series
PDL 6 S/L/L**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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 6 S/L/L
Order No.	1411310000
Version	Installation multi-tier terminal, PUSH IN, 6 mm ² , 400, 41 A, dark beige
GTIN (EAN)	4050118212242
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	8.1 mm	Width (inches)	0.319 inch
Height	118.5 mm	Height (inches)	4.665 inch
Depth	52.5 mm	Depth (inches)	2.067 inch
Depth including DIN rail	53 mm	Net weight	27.21 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, 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 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

Conductors for clamping (rated connection)

Clamping range, max.	6 mm ²	Clamping range, min.	1.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	Inclined / angled, top	Number of connections	4
Stripping length	14 mm	Type of connection	PUSH IN
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

PE rating data

PEN function	No
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Technical data**Rating data**

Rated cross-section	6 mm ²	Rated voltage	400
Rated current	41 A	Volume resistance according to IEC 60947-7-x	1.56 mΩ
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	6 kV
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		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1703_20160415_029_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

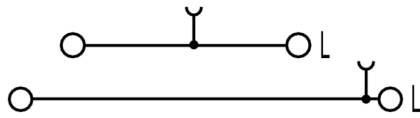
Safety notice	Safety Information
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Data sheet

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Drawings



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Accessories

Bus bars



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General ordering data

Type	SSCH 10X3X1000 CU/SN	Version
Order No.	0348900000	Accessories, Busbar, Copper
GTIN (EAN)	4008190024802	
Qty.	1 m	

ZQV 6



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZQV 6/2 GE	Version
Order No.	1627850000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200428	
Qty.	60 pc(s).	
Type	ZQV 6/24 GE	Version
Order No.	1908990000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4032248535309	
Qty.	10 pc(s).	
Type	ZQV 6/3 GE	Version
Order No.	1627860000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200435	
Qty.	60 pc(s).	
Type	ZQV 6/32 GE	Version
Order No.	1733640000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190994334	
Qty.	10 pc(s).	
Type	ZQV 6/4 GE	Version
Order No.	1627870000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200442	
Qty.	60 pc(s).	

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Accessories

End plates



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General ordering data

Type	PAP PDL6S	Version
Order No.	141120000	P-series, End plate, dark beige, 1.5 mm
GTIN (EAN)	4050118212228	
Qty.	20 pc(s).	

Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 PLUS MC NE WS	Version
Order No.	104635000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055	Weidmueller, white
Qty.	800 pc(s).	

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Accessories

Custom printing



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General ordering data

Type	DEK 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 pc(s).	

Type	DEK 5/8 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmueller, To customer specification
Qty.	160 pc(s).	

Holding plates



Building installation wiring

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General ordering data

Type	PHP PDL6S SO	Version
Order No.	1411350000	P-series, End plate, Fixing plate, blue, 3 mm
GTIN (EAN)	4050118212303	
Qty.	20 pc(s).	

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Accessories

Slotted screwdriver

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip



General ordering data

Type	SDIS 0.5X3.0X100	Version
Order No.	9008380000	Screwdriver, Blade width (B): 3 mm, Blade length: 100 mm, Blade thickness (A): 0.5 mm
GTIN (EAN)	4032248056347	
Qty.	1 pc(s).	

Blank



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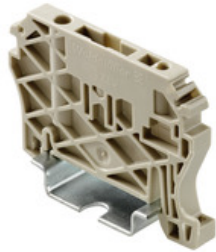
For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 MC NE WS	Version
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmueller, white
Qty.	800 pc(s).	

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Accessories**End brackets****Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZEW 35/2 SW	Version
Order No.	1162610000	Z-series, End bracket
GTIN (EAN)	4032248962716	
Qty.	20 pc(s).	