

**PTL 6/10****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

**General ordering data**

Version	Test-disconnect terminal, PUSH IN, 6 mm <sup>2</sup> , 800 V, 57 A, sliding, dark beige
Order No.	<a href="#">1551020000</a>
Type	PTL 6/10
GTIN (EAN)	4050118550153
Qty.	50 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2023-03-31
Alternative product	<a href="#">1016700000</a>

Creation date March 24, 2021 5:48:41 AM CET

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## Technical data

## Dimensions and weights

Depth	39.6 mm	Depth (inches)	1.559 inch
Depth including DIN rail	40.35 mm	Height	82 mm
Height (inches)	3.228 inch	Net weight	20.852 g
Width	8.1 mm	Width (inches)	0.319 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, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

## Additional technical data

Open sides	right	Type of mounting	Snap-on
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## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	14 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

## General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16

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## Rating data

Power loss in accordance with IEC 60947-7-x	1.31 W	Rated cross-section	6 mm <sup>2</sup>
Rated voltage	800 V	Rated current	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

## UL rating data

UL_current_Print	45 A	UL_voltage_Print	600 V
UL_wire_max_Print	8 AWG	UL_wire_min_Print	16 AWG

## 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	ECLASS 11.0	27-14-11-26

## Downloads

User Documentation [StorageConditionsTerminalBlocks](#)