

PTR 2.5/4**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

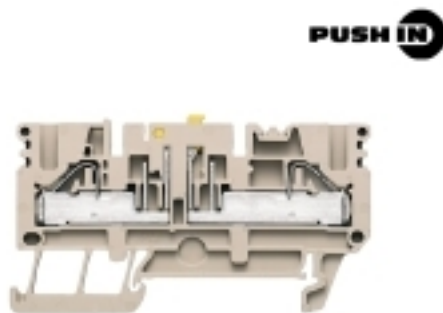
32760 Detmold

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Product image

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, PUSH IN, 4 mm ² , 500 V, 23 A, Pivoting, dark beige
Order No.	1933950000
Type	PTR 2.5/4
GTIN (EAN)	4032248587858
Qty.	50 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2023-03-31
Alternative product	1989800000

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Technical data

Dimensions and weights

Depth	39 mm	Depth (inches)	1.535 inch
Depth including DIN rail	39.5 mm	Height	71 mm
Height (inches)	2.795 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	10.8 g

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, Spacer, for plug-in cross-connector, 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
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	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1751332	Current size B (CSA)	24 A
Current size C (CSA)	24 A	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	2
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, min.	0.5 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.	4 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.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Creation date November 22, 2022 11:38:45 PM CET

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Technical data

Disconnect terminals

Cross-disconnect	without	Slitting	Pivoting
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General

Rail	TS 35	Standards	IEC 60947-7-1
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Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	23 A	Current at maximum wires	23 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	24 A
Current size C (cURus)	24 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	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	ECLASS 12.0	27-14-11-26

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

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Downloads

Approval/Certificate/Document of
Conformity

[EAC certificate](#)
[DNVGL certificate](#)
[Declaration of Conformity](#)
[CE Declaration of Conformity all terminals](#)
[UKCA Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[Beipackzettel_PDU.pdf](#)
[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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Drawings

