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PT-IQ-2X1-48DC-P - Surge protection plug

2800777

https://www.phoenixcontact.com/gb/products/2800777

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Surge protection plug with integrated multi-stage status indicator on the module for two signal wires with common reference potential. 48 V DC nominal voltage.

Your advantages

- Predictive monitoring with 3-stage LED display
- Integration of the status message into the system controller via group remote signaling
- The signal is not influenced during maintenance work, thanks to the impedance-neutral insertion and removal of protective plugs
- Maximum ease of maintenance, thanks to the 2-piece design
- Maximum protection for MCR applications with high discharge capacity

Commercial data

Item number	2800777
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL2151
Product key	CL2151
Catalog page	Page 73 (C-6-2013)
GTIN	4046356645324
Weight per piece (including packing)	49.8 g
Weight per piece (excluding packing)	49 g
Customs tariff number	85363010
Country of origin	DE

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Technical data

Notes

General	This product is a replacement plug.

Product properties

Product type	Replacement plug
Product family	PLUGTRAB IQ
Type	Male
Surge protection fault message	Optical, multi-stage

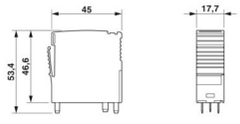
Electrical properties

Nominal voltage U_N	48 V DC

Connection data

Connection method	pluggable

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	45 mm
Depth	53.4 mm
Horizontal pitch	1 Div.
Complete module width	17.7 mm
Complete module height	91.1 mm
Complete module depth	77.5 mm

Material specifications

Color	black (RAL 9005)
	black (RAL 9005)
Flammability rating according to UL 94	V-0
Housing material	PA 6.6

Protective circuit

Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Maximum continuous voltage U_C	53 V DC
	37 V AC
Rated current	300 mA (45 °C)
Total discharge current I_{total} (8/20) µs	20 kA
Surge protection fault message	Optical, multi-stage

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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 %

Standards and regulations

Standards/specifications	EN 61643-21/A1
Note	2009

Mounting

Mounting type	on base element

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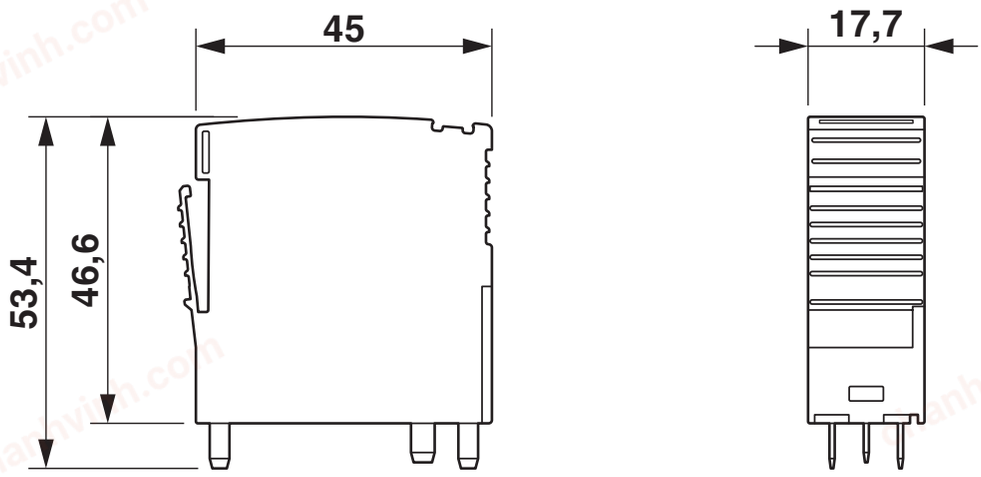
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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2800777

EAC
Approval ID: RU C-DE.*09.B.00169

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Classifications

ECLASS

ECLASS-11.0	27130807
ECLASS-13.0	27171501

ETIM

ETIM 9.0	EC001625

UNSPSC

UNSPSC 21.0	39121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	ed510ab3-d6cc-4f2d-bb4c-bf1b10c3b513

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Accessories

ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

https://www.phoenixcontact.com/gb/products/0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

ZBF 5/WH-100:UNBEDRUCKT - Zack Marker strip, flat

0808668

https://www.phoenixcontact.com/gb/products/0808668



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 1000

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ZBN 18:UNBEDRUCKT - Zack marker strip

2809128

https://www.phoenixcontact.com/gb/products/2809128



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 18 mm, lettering field size: 18 x 5 mm, Number of individual labels: 5

ZBN 18 CUS - Zack marker strip

0825059

https://www.phoenixcontact.com/gb/products/0825059



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 18 mm, lettering field size: 18 x 5 mm, Number of individual labels: 5

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SSA 3-6 - Shield connection

2839295

https://www.phoenixcontact.com/gb/products/2839295



Shield fast connection for 3 ... 6 mm cable diameter. Potential connecting cable: 200 mm, 1 mm^2, color: black

SSA 5-10 - Shield connection

2839512

https://www.phoenixcontact.com/gb/products/2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm^2, color: black

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X-PEN 0,35 - Marker pen

0811228

https://www.phoenixcontact.com/gb/products/0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

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