PT-IQ-4X1-24DC-P - Surge protection plug

2800813

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24 V

IEC



Surge protection plug with integrated multi-stage status indicator on the module for four signal wires with common reference potential. 24 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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2800813
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL22
Product key	CL2151
GTIN	4046356659192

Weight per piece (including packing)	56.3 g
Weight per piece (excluding packing)	51.5 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Notes

General	This product is a replacement plug.

General

Note	Remote signaling as well as the power supply are established by inserting the connector into the base element.

Product properties

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

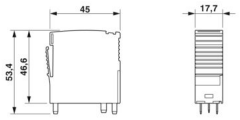
Electrical properties

Nominal voltage U_N	24 V DC

Connection data

Connection method	pluggable

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	45 mm
Depth	46.6 mm
Horizontal pitch	1 HP
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	V0
Housing material	PA 6.6

Protective circuit

Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Nominal voltage U_N	24 V DC

Maximum continuous operating voltage U_C	30 V DC
	21 V AC
Rated current	700 mA (45 °C)
Total discharge current I_{Total} (8/20) µs	20 kA
Surge protection fault message	Optical, multi-stage

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

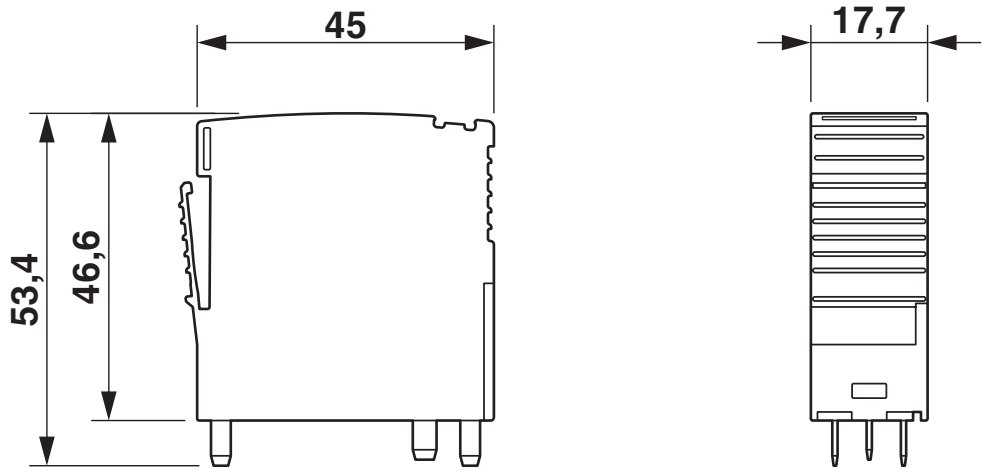
Standards/specifications	EN 61643-21/A1
Note	2009

Mounting

Mounting type	on base element

Drawings

Dimensional drawing



Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 10.0	EC001466

UNSPSC

UNSPSC 21.0	39121600

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)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	3b4d3243-e4af-470d-9f54-7e25dcfd5278

EF3.1 Climate Change

CO2e kg	3.647 kg CO2e

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