

Surge protection plug - PT-IQ-4X1-24DC-P - 2800813

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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.

Why buy this product

- Surge protection system
- Multi-level state monitoring
- Collective message about supply and remote module
- System supplied via DIN rail bus
- Up to 28 protection modules per supply module
- Maximum ease of maintenance thanks to the two-piece design
- Codable plug
- Impedance-neutral disconnection of plug for maintenance purposes
- Base element remains an integral part of the installation



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 659192
GTIN	4046356659192

Technical data

Dimensions

Height	45 mm
Width	17.7 mm
Depth	46.6 mm
Horizontal pitch	1 Div.
Complete module height	91.1 mm
Complete module width	17.7 mm
Complete module depth	77.5 mm

Surge protection plug - PT-IQ-4X1-24DC-P - 2800813

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

General

Housing material	PA 6.6
Flammability rating according to UL 94	V0
Color	black
Mounting type	on base element
Type	Male
Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

Additional descriptions

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

Protective circuit

Nominal voltage U_N	24 V DC
Maximum continuous voltage U_C	30 V DC
	21 V AC
Rated current	700 mA (45°C)
Total discharge current $I_{total} (8/20) \mu s$	20 kA
Surge protection fault message	Optical, multi-stage

Connection data

Connection method	pluggable
-------------------	-----------

Standards and Regulations

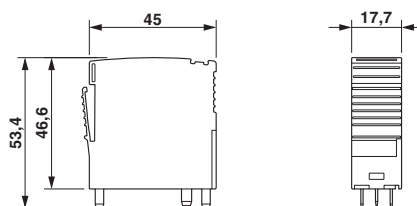
Standards/specifications	EN 61643-21/A1 2009
--------------------------	---------------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Drawings

Dimensional drawing



Surge protection plug - PT-IQ-4X1-24DC-P - 2800813

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B01561
-----	---	-------------------------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>