

## Surge protection plug - PT-IQ-1X2-5DC-P - 2800770

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Surge protection plug with integrated multi-stage status indicator on the module for a 2-wire floating signal circuit. 5 V DC nominal voltage.

The figure shows the PT-IQ-1x2-24DC-P version

### Product Features

- 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 pc
Weight per Piece (excluding packing)	80.0 GRM
Custom tariff number	85363010
Country of origin	Germany

### Technical data

#### Dimensions

Height	45 mm
Width	17.7 mm
Depth	46.6 mm
Horizontal pitch	1 Div.

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### Technical data

#### Dimensions

Complete module height	91.1 mm
Complete module width	17.7 mm
Complete module depth	77.5 mm

#### 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
Inflammability class 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

#### Protective circuit

Nominal voltage $U_N$	5 V DC
Maximum continuous operating voltage $U_c$	6 V DC
	4 V AC
Nominal current $I_N$	1000 mA (Up to 45°C)
Total surge current (8/20) $\mu$ s	20 kA

### Classifications

#### eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130807
eCl@ss 7.0	27130807
eCl@ss 8.0	27130807

#### ETIM

ETIM 3.0	EC000943
ETIM 4.0	EC000943

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## Classifications

### ETIM

ETIM 5.0	EC000943
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### UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

## Drawings

Circuit diagram

