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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









# Surge protection plug - PT-IQ-1X2-48DC-P - 2800773

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Surge protection plug with integrated multi-stage status indicator on the module for a 2-wire floating signal circuit. 48 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
- Up to 28 protection modules per supply module
- Maximum ease of maintenance thanks to the two-piece design

- ☑ Base element remains an integral part of the installation



### Key commercial data

Packing unit	1 pc
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.
Complete module height	91.1 mm



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# Technical data

#### **Dimensions**

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
Туре	Male
Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

#### Protective circuit

Nominal voltage U <sub>N</sub>	48 V DC
Maximum continuous operating voltage U <sub>C</sub>	53 V DC
	37 V AC
Nominal current I <sub>N</sub>	300 mA (Up to 45°C)
Total surge current (8/20) μs	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
ETIM 5.0	EC000943



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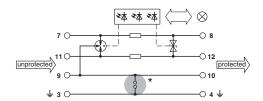
# Classifications

#### **UNSPSC**

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

## Drawings

### Circuit diagram



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