

PT-IQ-1X2-EX-24DC-P - Surge protection plug



2801514

<https://www.phoenixcontact.com/us/products/2801514>

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Surge protection plug with integrated multi-stage status indicator on the module for one 2-wire floating Ex-i signal circuit. Nominal voltage: 24 V DC

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 | 2801514 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | CL22 |
| Product key | CL2152 |
| Catalog page | Page 153 (C-4-2019) |
| GTIN | 4046356801249 |
| Weight per piece (including packing) | 50.65 g |
| Weight per piece (excluding packing) | 50.65 g |
| Customs tariff number | 85363010 |
| Country of origin | DE |

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Technical data

Notes

General

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

Product properties

| | |
|----------------|------------------|
| Type | Male |
| Product type | Replacement plug |
| Product family | PLUGTRAB IQ |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Pollution degree | 2 |

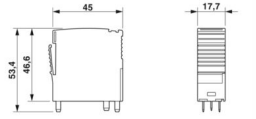
Electrical properties

| | |
|-----------------------|---------|
| Nominal voltage U_N | 24 V DC |
|-----------------------|---------|

Connection data

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

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 17.7 mm |
| Height | 45 mm |
| Depth | 53.4 mm |
| Horizontal pitch | 1 Div. |

Material specifications

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

Protective circuit

| | |
|----------------------------------|----------------------|
| Maximum continuous voltage U_C | 30 V DC |
| | 21 V AC |
| Rated current | 350 mA |
| 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 |
| Altitude | ≤ 2000 m (amsl) |

Standards and regulations

| | |
|--------------------------|--------------|
| Standards/specifications | EN 61643-21 |
| Note | A2:2013 |
| Standards/specifications | IEC 61643-21 |
| Note | A2:2012 |
| Standards/specifications | EN 60079-0 |
| Note | 2018 |
| Standards/specifications | EN 60079-11 |
| Note | 2012 |
| Standards/specifications | EN 60079-15 |
| Note | 2010 |
| Standards/specifications | IEC 60079-0 |
| Note | 2017 |
| Standards/specifications | IEC 60079-11 |
| Note | 2011 |
| Standards/specifications | IEC 60079-15 |
| Note | 2010 |

Mounting

| | |
|---------------|-----------------|
| Mounting type | on base element |
|---------------|-----------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27130807 |
| ECLASS-13.0 | 27171502 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000943 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121600 |
|-------------|----------|

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Environmental product compliance

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|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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