

IOA PR-DAI/DAO/F/DS/0.25A/EX - Input/output module



1188706

<https://www.phoenixcontact.com/us/products/1188706>

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Fuse module for VIP I/O marshalling base elements with replaceable 0.25 A fuse in the field device supply path. Integrated test points and a disconnect knife allow uninterrupted signal measurement. HART transparent.

Product description

Fuse module with replaceable 0.25 A fuse in the supply path. This enables field devices to be supplied with voltage directly from the base element. If the fuse fails, this is indicated by an LED. Test points and a disconnect knife are available in the signal path for uninterrupted signal measurement. The module is installed on a corresponding VIP I/O-Marshalling base element by means of plug-in contact. Installation in zone 2, "ec" type of protection is permitted.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1188706 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C480 |
| Product key | DK115A |
| GTIN | 4063151232399 |
| Weight per piece (including packing) | 65.5 g |
| Weight per piece (excluding packing) | 65.5 g |
| Customs tariff number | 85371098 |
| Country of origin | US |

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Technical data

Product properties

| | |
|---------------------|---------------------|
| Product type | Interface module |
| Product family | VIP I/O-Marshalling |
| Number of positions | 1 |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|-----------------------------|---|
| Operating voltage U_{max} | ≤ 30 V |
| Current | ≤ 1 A (Signal) |
| Current () | ≤ 0.25 A (Current limited by fuse) |

Ex data

Safety data

| | |
|---------------------------|-----------|
| Input voltage U_i | 30 V |
| Input current I_i | 1 A |
| Inductance L_i | 0 mH |
| Capacitance C_i | 0 μ F |
| Max. output voltage U_o | U_i |
| Max. output current I_o | I_i |
| Max. output power P_o | P_i |

Interfaces

Data communication (bypass)

| | |
|---------------------|-------------------|
| HART function | HART transparency |
| Protocols supported | HART |

Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 10.3 mm |
| Height | 64.2 mm |
| Depth | 72.9 mm |

Material specifications

| | |
|-------|-----------------|
| Color | gray (RAL 7042) |
|-------|-----------------|

Environmental and real-life conditions

Ambient conditions

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| | |
|---|-------------------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 75 °C |
| Ambient temperature (storage/transport) | -40 °C ... 75 °C |
| Altitude | ≤ 2000 mm |
| Permissible humidity (operation) | 0 % ... 95 % (non-condensing) |

Approvals

Corrosive gas test

| | |
|----------------|----------------------------------|
| Identification | ISA S71.04.2013 G3 Harsh Group A |
|----------------|----------------------------------|

Standards and regulations

| | |
|-----------------------|--------------|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |

Mounting

| | |
|-------------------|---------------------------|
| Mounting type | Plug-in mounting |
| Assembly note | Plugs into VIP/...BASE... |
| Mounting position | any |

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Approvals

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Functional Safety

Approval ID: PHO 16-09-035



IECEX

Approval ID: IECEx SIR 21.0005X



ATEX

Approval ID: CSANe 20ATEX3152X



CSA

Approval ID: 80047687



CSAus

Approval ID: 80047687

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002780 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

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) |
| SCIP | 8e5b2c12-95c3-4ae8-86b7-73aded907866 |

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