Product datasheet





(!) Discontinued

module XPSATR - Emergency stop and protective guard -115-230V AC, time delay 3s

XPSATR3953P

Discontinued on: 1 Nov 2021

! End-of-service on: 31 Dec 2023

| Main | | |
|-------------------------------|--|--|
| Range of product | Preventa Safety automation | |
| Product or component type | Preventa safety module | |
| safety module name | XPSATR | |
| safety module application | For emergency stop and protective guard applications | |
| Function of module | Emergency stop monitoring 2-channel wiring Protective guard monitoring Emergency stop monitoring 1-channel wiring | |
| Safety level | Can reach PL e/category 4 instantaneous safety outputs conforming to EN/ISO 13849-1 Can reach SILCL 3 time delay safety outputs conforming to EN/IEC 62061 | |
| Safety reliability data | DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 85 years conforming to EN/ISO 13849-1 PFHd = 2E-9 1/h conforming to EN/IEC 62061 | |
| Type of start | Automatic Manual | |
| Connections - terminals | Captive screw clamp terminals, removable terminal block, 1 x 0.251 x 2.5 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.251 x 1.5 mm² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 2 x 0.252 x 1 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.21 x 2.5 mm² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.22 x 1 mm² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.52 x 1.5 mm² flexible with cable end, with bezel | |
| Output type | Relay instantaneous opening, 3 NO circuit(s), volt-free Relay time delay opening, 3 NO circuit(s), volt-free | |
| Number of additional circuits | 1 NC | |
| [Us] rated supply voltage | 115230 V AC - 1510 % | |

Complementary

| Synchronisation time between inputs | 1 s |
|-------------------------------------|----------------------|
| Supply frequency | 50/60 Hz |
| Maximum power consumption in W | 3.2 W AC |
| Maximum power consumption in VA | 6.3 VA |
| Input protection type | Internal, electronic |

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| time delay range | 0.13 s | |
|---|---|--|
| [Uc] control circuit voltage | 24 V DC | |
| Breaking capacity | 3 A at 24 V (DC-13) for relay output | |
| Output thermal current | 6 A for instantaneous and time delay outputs | |
| [Ith] conventional free air thermal current | al 8A | |
| Associated fuse rating | 6 A gG for instantaneous and time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 | |
| Minimum output current | 10 mA for relay output | |
| Minimum output voltage | 17 V for relay output | |
| Maximum response time on input open | 20 ms | |
| [Ui] rated insulation voltage | 300 V | |
| [Uimp] rated impulse withstand voltage | 4 kV overvoltage category III conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2 | |
| Local signalling | 5 LEDs | |
| mounting support | 35 mm symmetrical DIN rail | |

Environment

| Standards | EN 60204-1 EN/IEC 60947-5-1 EN 50156-1 EN/IEC 61496-1 EN/ISO 13849-1 EN 62061 |
|---------------------------------------|--|
| product certifications | TÜV UL CSA |
| IP degree of protection | IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -2555 °C |
| Ambient air temperature for storage | -2575 °C |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|---------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.2 cm |
| Package 1 Width | 11.5 cm |
| Package 1 Length | 12.3 cm |
| Package 1 Weight | 351.0 g |

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

| ② | Toxic Heavy Metal Free | |
|----------|----------------------------|-----|
| ② | Mercury Free | |
| ② | Rohs Exemption Information | Yes |
| ⊘ | Pvc Free | |

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |

Dimensions Drawings

Dimensions

