



Price* : 478.00 GBP



Main

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| 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 1-channel wiring Emergency stop monitoring 2-channel wiring Protective guard monitoring |
| 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 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm ² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm ² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm ² 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 | 115...230 V AC - 15...10 % |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

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| 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 |
| Time delay range | 0...30 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 | 8 A |
| 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

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| Standards | EN 62061 EN/IEC 60947-5-1 EN/IEC 61496-1 EN/ISO 13849-1 EN 60204-1 EN 50156-1 |
| Product certifications | UL TÜV CSA |
| IP degree of protection | IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -25...75 °C |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

