



Main

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| Range of product | Preventa Safety automation |
| Product or component type | Preventa safety module |
| Safety module name | XPSAC |
| Safety module application | For emergency stop and switch monitoring |
| Function of module | Emergency stop Switch monitoring |
| Safety level | Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061 |
| Safety reliability data | MTTFd = 210.4 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1 PFHd = 3.56E-9 1/h conforming to EN/IEC 62061 |
| Type of start | Unmonitored |
| Connections - terminals | Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² solid with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² solid with cable end, with double bezel Captive screw clamp terminals, 2 x 0.25...2 x 1 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel |
| Output type | Relay instantaneous opening, 3 NO circuit(s), volt-free |
| Number of additional circuits | 1 solid state output |
| [Us] rated supply voltage | 230 V AC - 15...10 % |

Complementary

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|---------------------------------|--|
| Supply frequency | 50/60 Hz |
| Maximum power consumption in VA | 6 VA AC |
| [Uc] control circuit voltage | 230 V |
| Breaking capacity | 180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output |
| Breaking capacity | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output |

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

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| Output thermal current | 6 A per relay for relay output |
| [I _{th}] conventional free air thermal current | 10.5 A |
| Associated fuse rating | 4 A gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 |
| Minimum output current | 10 mA for relay output |
| Minimum output voltage | 16 V for relay output |
| Maximum response time on input open | 100 ms |
| [U _i] rated insulation voltage | 300 V (pollution degree 2) conforming to IEC 60947-5-1 300 V (pollution degree 2) conforming to DIN VDE 0110 part 1 |
| [U _{imp}] rated impulse withstand voltage | 4 kV overvoltage category III conforming to IEC 60947-5-1 4 kV overvoltage category III conforming to DIN VDE 0110 part 1 |
| Local signalling | 2 LEDs |
| Current consumption | 25 mA at 230 V AC on power supply |
| Mounting support | 35 mm symmetrical DIN rail |
| Net weight | 0.21 kg |

Environment

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| Standards | EN/IEC 60947-5-1 EN/ISO 13850 EN 1088/ISO 14119 EN 60204-1 |
| 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 | -10...55 °C |
| Ambient air temperature for storage | -25...85 °C |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 238 g |
| Package 1 Height | 12.1 cm |
| Package 1 width | 2.8 cm |
| Package 1 Length | 10.5 cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| 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 |
| PVC free | Yes |

Contractual warranty

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| Warranty | 12 months |
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Dimensions

