

Product availability: Stock - Normally stocked in distribution facility



Main

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| Range of product | Preventa Safety automation |
| Product or component type | Preventa safety module |
| Safety module name | XPSAK |
| Safety module application | For emergency stop, switch, sensing mat/edges or safety light curtain monitoring |
| Function of module | Monitoring of electro-sensitive protection equipment (ESPE) Multiple emergency stop monitoring 2-channel wiring Monitoring of a movable guard Monitoring of a movable guard associated with 2 switches and automatic start Emergency stop monitoring 1-channel wiring Emergency stop with 2 NC contacts monitoring 2-channel wiring Sensing mat and edges monitoring Proximity sensor monitoring |
| Safety level | Can reach PL e/category 4 EN/ISO 13849-1 Can reach SILCL 3 EN/IEC 62061 |
| Safety reliability data | DC > 99 % EN/ISO 13849-1 MTTFd = 154.5 years EN/ISO 13849-1 PFHd = 7.39E-9 1/h EN/IEC 62061 |
| Type of start | Configurable |
| Connections - terminals | Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm ² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel |
| Output type | Relay instantaneous opening, 3 NO, volt-free |
| Number of additional circuits | 1 NC + 4 solid state outputs |
| [Us] rated supply voltage | 120 V AC - 15...10 % 24 V DC - 15...10 % |

Complementary

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| Synchronisation time between inputs | 2 or 4 s depending of wiring (automatic start) Unlimited (manual start) |
| Supply frequency | 50/60 Hz |
| Maximum power consumption in VA | 6 VA AC |
| Input protection type | Internal, electronic |
| [Uc] control circuit voltage | 24 V DC |
| Maximum line resistance | 28 Ohm |

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| Breaking capacity | 180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output |
| Breaking capacity | 1.5 A 24 V DC-13)50 ms relay output |
| Output thermal current | 6 A per relay relay output |
| [I _{th}] conventional free air thermal current | 18 A |
| Associated fuse rating | 4 A gG or gL relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 |
| Minimum output current | 10 mA relay output |
| Minimum output voltage | 17 V relay output |
| Maximum response time on input open | 40 ms |
| [U _i] rated insulation voltage | 300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1 |
| [U _{imp}] rated impulse withstand voltage | 4 KV III IEC 60947-5-1 4 kV III DIN VDE 0110 part 1 |
| Local signalling | 4 LEDs |
| Current consumption | 30 mA 24 V AC on power supply |
| Mounting support | 35 mm symmetrical DIN rail |
| Net weight | 0.88 lb(US) (0.4 kg) |

Environment

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| Standards | EN/IEC 60204-1 EN/ISO 13850 EN/IEC 60947-5-1 EN 1088/ISO 14119 |
| Product certifications | TÜV CSA UL |
| IP degree of protection | IP20 terminals)EN/IEC 60529 IP40 enclosure)EN/IEC 60529 |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C) |
| Ambient air temperature for storage | -13...185 °F (-25...85 °C) |

Ordering and shipping details

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| Category | 22477 - SAFETY MODULES (PREVENTA) |
| Discount Schedule | SAF2 |
| GTIN | 00785901291701 |
| Package weight(Lbs) | 0.48 kg (1.05 lb(US)) |
| Returnability | Yes |
| Country of origin | ID |

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. |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

