

Product availability : Stock - Normally stocked in distribution facility

Price* : 420.00 USD



Main

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|-------------------------------|--|
| Range of product | Preventa Safety automation |
| Product or component type | Preventa safety module |
| Safety module name | XPSABV |
| Safety module application | For emergency stop and switch monitoring |
| Safety level | Can reach PL d/category 3 conforming to EN/ISO 13849-1 time delay safety outputs Can reach PL e/category 4 conforming to EN/ISO 13849-1 instantaneous safety outputs Can reach SILCL 3 conforming to EN/IEC 62061 instantaneous safety outputs Can reach SILCL 2 conforming to EN/IEC 62061 time delay safety outputs |
| Safety reliability data | MTTFd = 53 years conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 53 years conforming to EN/ISO 13849-1 time delay safety outputs DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs DC = 60...90 % conforming to EN/ISO 13849-1 time delay safety outputs PFHd = 3E-8 1/h conforming to EN/IEC 62061 instantaneous safety outputs PFHd = 2E-7 1/h conforming to EN/IEC 62061 time delay safety outputs |
| Connections - terminals | Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1 mm ² flexible cable with cable end, with double bezel |
| Output type | Relay instantaneous opening 2 NO, volt-free Relay time delay opening 1 NO, volt-free |
| Number of additional circuits | 0 |

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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|---------------------------|-----------------------|
| [Us] rated supply voltage | 24 V DC (- 15...10 %) |
|---------------------------|-----------------------|

Complementary

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| Synchronisation time between inputs | < 0.5 s |
| Power consumption in W | <= 3 W DC |
| Input protection type | Internal, electronic |
| Time delay range | 1.5...30 s 0.15...3 s |
| Control circuit voltage | 24 V DC |
| Breaking capacity | B300: 3600 VA, AC-15 (inrush) B300: 360 VA, AC-15 (holding) |
| Breaking capacity | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output |
| Output thermal current | 6 A instantaneous and time delay outputs |
| [Ith] conventional free air thermal current | 12 A |
| Associated fuse rating | 6 A fuse type gG for instantaneous and time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 |
| Minimum output current | 10 mA relay output |
| Minimum output voltage | 17 V relay output |
| Response time on input open | <= 200 ms |
| [Ui] rated insulation voltage | 300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1 300 V (degree of pollution: 2) conforming to IEC 60947-5-1 |
| [Uimp] 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 | 3 LEDs |
| Mounting support | 35 mm symmetrical DIN rail |
| Product weight | 0.62 lb(US) (0.28 kg) |

Environment

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|---------------------------------------|---|
| Standards | EN 1088/ISO 14119 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 13850 |
| Product certifications | BG CSA UL |
| IP degree of protection | IP40 conforming to EN/IEC 60529 IP20 conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| Ambient air temperature for storage | -13...167 °F (-25...75 °C) |

Ordering and shipping details

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|-----------------------|-----------------------------------|
| Category | 22477 - SAFETY MODULES (PREVENTA) |
| Discount Schedule | SAF2 |
| GTIN | 00785901452430 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.5500000000000000 |
| Returnability | N |
| Country of origin | DE |

Contractual warranty

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| Warranty period | 18 months |
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