

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 | XPSATE |
| Safety module application | For emergency stop and switch monitoring |
| Function of module | Emergency stop button with 2 NC contacts |
| 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 | DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 134.8 years conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 54.5 years conforming to EN/ISO 13849-1 time delay safety outputs DC > 98.4 conforming to EN/ISO 13849-1 time delay safety outputs PFHd = 6.81E-9 1/h conforming to EN/IEC 62061 instantaneous safety outputs PFHd = 1.96E-8 1/h conforming to EN/IEC 62061 time delay safety outputs |
| Type of start | Configurable |
| Connections - terminals | Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...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 3 NO, volt-free |
| Number of additional circuits | 3 solid state outputs |
| [Us] rated supply voltage | 115 V AC (- 15...15 %) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Complementary

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| Synchronisation time between inputs | 75 ms |
| Supply frequency | 50/60 Hz |
| Power consumption in W | <= 8 W |
| Input protection type | Internal, electronic |
| Time delay range | 0...30 s |
| [Uc] control circuit voltage | 48 V DC |
| Breaking capacity | C300: 180 VA, AC-15 (holding) relay output C300: 1800 VA, AC-15 (inrush) relay output |
| Breaking capacity | 1 A at 24 V (DC-13) time constant: 50 ms for relay output |
| Output thermal current | 2.5 A time delay outputs 5 A instantaneous outputs |
| [Ith] conventional free air thermal current | 8 A |
| Associated fuse rating | 4 A fuse type gG for time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fuse type gG for instantaneous 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 | <= 20 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 | 4 LEDs |
| Mounting support | 35 mm symmetrical DIN rail |
| Product weight | 0.84 lb(US) (0.38 kg) |

Environment

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| Standards | EN/ISO 13850 EN/IEC 60947-5-1 EN/IEC 60204-1 |
| Product certifications | TÜV CSA UL |
| IP degree of protection | IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to 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 | 00785901853800 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.1200000000000001 |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

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| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - Substance 1 | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| - - - - - More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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| Warranty period | 18 months |
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