



Main

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| Range of product | Preventa Safety automation |
| Product or Component Type | Preventa safety module |
| Safety module name | XPSBC |
| Safety module application | For electrical monitoring of two-hand control stations |
| Function of module | Monitoring two-hand control station |
| Safety level | Can reach PL e/category 4 EN/ISO 13849-1 |
| Safety reliability data | MTTFd = 63.9 years EN/ISO 13849-1 DC > 99 % EN/ISO 13849-1 PFHd = 1.75E-8 1/h EN/IEC 62061 |
| Connections - terminals | Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² flexible without cable end Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² solid without cable end Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² flexible without cable end Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² solid without cable end Captive screw clamp terminals, 2 x 0.25...2 x 1 mm ² flexible with cable end, without 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, 2 NO, volt-free |
| Number of additional circuits | 1 NC |
| [Us] Rated Supply Voltage | 230 V AC - 15...10 % |

Complementary

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| Synchronisation time between inputs | 0.5 s |
| Supply frequency | 50/60 Hz |
| Power Consumption in VA | 6 VA |
| Input protection type | Internal, electronic |
| Number of Inputs | 1 NC + NO |
| Input voltage | 30 V |
| Input current | 50 mA |
| Input compatibility | Two-hand control EN 574/ISO 13851-III C |
| [Uc] control circuit voltage | 48 V DC |
| 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 |
| [Ith] conventional free air thermal current | 2.5 A |
| Associated fuse rating | 4 A gG 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 | 30 ms |
| [Ui] rated insulation voltage | 300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1 |

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| [Uimp] rated impulse withstand voltage | 4 KV III IEC 60947-5-1 4 kV III DIN VDE 0110 part 1 |
| Local signalling | 3 LEDs |
| Mounting Support | 35 mm symmetrical DIN rail |
| Product Weight | 0.88 lb(US) (0.4 kg) |

Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-5-1 EN/IEC 60204-1 EN 574 type III C/ISO 13851 |
| Product Certifications | UL TÜV CSA |
| 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 | 00785901547570 |
| Package weight(Lbs) | 0.97 lb(US) (0.442 kg) |
| Returnability | No |
| Country of origin | ID |

Packing Units

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| Package 1 Height | 0.650 dm |
| Package 1 width | 1.300 dm |
| Package 1 Length | 0.850 dm |

Contractual warranty

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| Warranty | 18 months |
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