

Product datasheet

Specifications



module XPSBC - two-hand control - 24 V AC

XPSBC3110

EAN Code: 3389110766868

! Discontinued

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 conforming to EN/ISO 13849-1 |
| Safety Reliability Data | MTTFd = 63.9 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1 PFHd = 1.75E-8 1/h conforming to 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 circuit(s), volt-free |
| Number Of Additional Circuits | 1 NC |
| [Us] Rated Supply Voltage | 24 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 conforming to 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 |

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| Breaking Capacity | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output |
| [Ith] Conventional Free Air Thermal Current | 2.5 A |
| Associated Fuse Rating | 4 A gG 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 | 17 V for relay output |
| Maximum Response Time On Input Open | 30 ms |
| [Ui] 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 |
| [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 |
| Net Weight | 0.4 kg |

Environment

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| Standards | EN/IEC 60204-1 EN 574 type III C/ISO 13851 EN/IEC 60947-5-1 |
| Product Certifications | CSA UL TÜV |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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