

XPSECPE3910P

module XPSEC - increasing the number of safety contacts - 115..230 V AC DC



Main

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|-------------------------------|--|
| Range of product | Preventa Safety automation |
| Product or component type | Preventa safety module |
| Safety module name | XPSECPE |
| Safety module application | Increasing the number of safety contacts |
| Function of module | Increasing the number of safety contacts |
| Safety level | Can reach PL e/category 4 conforming to EN/ISO 13849-1 can reach the maximum safety level of module base Can reach SILCL 3 conforming to EN/IEC 62061 can reach the maximum safety level of module base |
| Safety reliability data | DC = 0...99 % conforming to EN/ISO 13849-1 MTTFd > 100 years conforming to EN/ISO 13849-1 PFHd = 2.47E-8 1/h conforming to EN/IEC 62061 |
| Output type | Relay 8 NO, volt-free |
| [Us] rated supply voltage | 115...230 V AC (- 15...10 %) |
| Number of additional circuits | 2 NC + 1 solid state output |

Complementary

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|---|--|
| Supply frequency | 50/60 Hz |
| Power consumption in VA | <= 6 VA |
| Input protection type | Internal, electronic |
| Breaking capacity | B300 : holding 360 VA AC-15 for relay output B300 : inrush 3600 VA AC-15 for relay output |
| Breaking capacity | 20 mA / 24 V for solid state output circuit 3 A / 24 V - L/R = 50 ms, DC-13 for relay output |
| Output thermal current | 6 A per relay for relay output |
| [Ith] conventional free air thermal current | < 24 A for relay output |
| Associated fuse rating | 6 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 | 5 V for relay output |
| Response time on input open | <= 10 ms |
| [Ui] rated insulation voltage | 300 V, degree of pollution 2 conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2 |
| [Uimp] rated impulse withstand voltage | 4 kV overvoltage category III, conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2 |
| Local signalling | 3 LEDs |
| Connections - terminals | Captive screw clamp terminals, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end Captive screw clamp terminals, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable without cable end Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable without cable end Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1 mm ² flexible cable without cable end Captive screw clamp terminals, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel |
| Mounting support | 35 mm symmetrical DIN rail |
| Product weight | 0.65 kg |

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Environment

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|---------------------------------------|--|
| standards | EN/IEC 60204-1 EN/IEC 60947-5-1 |
| product certifications | CSA TÜV UL |
| IP degree of protection | IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529 |
| ambient air temperature for operation | -25...55 °C |
| ambient air temperature for storage | -25...70 °C |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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Dimensions

