

# XPSAV11113P

module XPSAV - Emergency stop - 24 V DC, time delay 0...300 s



Price\* : 381.00 GBP



## Main

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Preventa Safety automation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product or component type     | Preventa safety module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Safety module name            | XPSAV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Safety module application     | For emergency stop and switch monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Function of module            | Monitoring of a movable guard associated with 2 switches automatic start<br>Emergency stop monitoring 1-channel wiring<br>Emergency stop button with 1 NC contact, automatic start or unmonitored start<br>Emergency stop monitoring 2-channel wiring<br>Emergency stop button with 2 NC contacts, monitored start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Safety level                  | Can reach PL e/category 4 conforming to EN/ISO 13849-1<br>Can reach SILCL 3 conforming to EN/IEC 62061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Safety reliability data       | DC > 99 % conforming to EN/ISO 13849-1<br>MTTFd = 75.8 years conforming to EN/ISO 13849-1<br>PFHd = 7.95E-9 1/h conforming to EN/IEC 62061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Type of start                 | Configurable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Connections - terminals       | Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm <sup>2</sup> solid with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel |
| Output type                   | Relay instantaneous opening, 3 NO circuit(s), volt-free<br>Relay time delay opening, 3 NO circuit(s), volt-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of additional circuits | 3 solid state outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| [Us] rated supply voltage     | 24 V DC - 20...20 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Complementary

|                                             |                                                                                                                                                                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synchronisation time between inputs         | Unlimited for emergency stop<br>1.5 s for guard                                                                                                                                                                                                            |
| Maximum power consumption in W              | 5 W DC                                                                                                                                                                                                                                                     |
| Input protection type                       | Internal, electronic                                                                                                                                                                                                                                       |
| Time delay range                            | 0...300 s                                                                                                                                                                                                                                                  |
| [Uc] control circuit voltage                | 24 V DC                                                                                                                                                                                                                                                    |
| Maximum line resistance                     | 100 Ohm <2000 m                                                                                                                                                                                                                                            |
| Breaking capacity                           | 180 VA holding AC-15 C300 relay output<br>1800 VA inrush AC-15 C300 relay output                                                                                                                                                                           |
| Breaking capacity                           | 20 mA at 24 V<br>1.25 A at 24 V (DC-13) time constant: 50 ms for relay output                                                                                                                                                                              |
| Output thermal current                      | 2 A for 1 output and 4 A for the other 2 outputs for instantaneous and time delay outputs<br>3.3 A for all 3 outputs for instantaneous and time delay outputs<br>6 A for 1 output and 2 A for the other 2 outputs for instantaneous and time delay outputs |
| [Ith] conventional free air thermal current | 20 A                                                                                                                                                                                                                                                       |
| Associated fuse rating                      | 4 A gG or gL for instantaneous and time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200<br>6 A fast blow 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<br>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<br>4 kV overvoltage category III conforming to DIN VDE 0110 part 1                                                                                                                               |
| Local signalling                            | 11 LEDs                                                                                                                                                                                                                                                    |
| Mounting support                            | 35 mm symmetrical DIN rail                                                                                                                                                                                                                                 |
| Product weight                              | 0.32 kg                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/ISO 13850<br>EN/IEC 60947-5-1                    |
| Product certifications                | TÜV<br>UL<br>CSA                                                                           |
| IP degree of protection               | IP20 (terminals) conforming to EN/IEC 60529<br>IP40 (enclosure) conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -10...55 °C                                                                                |
| Ambient air temperature for storage   | -25...85 °C                                                                                |

## Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| REACH free of SVHC         | Yes                                                                                               |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                               |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                            |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                     |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                           |

|      |                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------|
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
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### Contractual warranty

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

