



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Preventa Safety automation   |
| Product or component type     | Preventa safety module   |
| Safety module name            | XPSAC  |
| Safety module application     | For emergency stop and switch monitoring   |
| Function of module            | Emergency stop<br>Switch monitoring  |
| 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 = 210.4 years conforming to EN/ISO 13849-1<br>PFHd = 3.56E-9 1/h conforming to EN/IEC 62061  |
| Type of start                 | Unmonitored  |
| Connections - terminals       | Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm <sup>2</sup> solid cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm <sup>2</sup> flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm <sup>2</sup> flexible cable with cable end, with double bezel |
| Output type                   | Relay instantaneous opening 3 NO, volt-free  |
| Number of additional circuits | 1 solid state output   |
| [Us] rated supply voltage     | 24 V AC (- 20...10 %)<br>24 V DC (- 20...20 %)   |

### Complementary

|   |   |
|---|---|
| Supply frequency                            | 50/60 Hz  |
| Power consumption in W                      | <= 1.2 W DC   |
| Power consumption in VA                     | <= 2.5 VA AC  |
| [Uc] control circuit voltage                | 24 V  |
| Breaking capacity                           | C300 : 180 VA, AC-15 (holding) for relay output<br>C300 : 1800 VA, AC-15 (inrush) for relay output  |
| Breaking capacity                           | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output   |
| Output thermal current                      | 6 A per relay for relay output  |
| [Ith] conventional free air thermal current | 10.5 A  |
| Associated fuse rating                      | 4 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200<br>6 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

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|--|--|
| Minimum output current                 | 10 mA for relay output   |
| Minimum output voltage                 | 16 V for relay output  |
| Response time on input open            | <= 100 ms  |
| [Ui] rated insulation voltage          | 300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1<br>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<br>4 kV overvoltage category III conforming to DIN VDE 0110 part 1   |
| Local signalling                       | 2 LEDs   |
| Current consumption                    | 40 mA at 24 V DC (on power supply)<br>90 mA at 24 V AC (on power supply)   |
| Mounting support                       | 35 mm symmetrical DIN rail   |
| Product weight                         | 0.16 kg  |

## Environment

|                                       |  |
|---------------------------------------|--|
| standards                             | EN 1088/ISO 14119<br>EN 60204-1<br>EN/IEC 60947-5-1<br>EN/ISO 13850                        |
| product certifications                | CSA<br>TÜV<br>UL   |
| 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  |

## Dimensions

