



### Main

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|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Preventa Safety automation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product or component type     | Preventa safety module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Safety module name            | XPSATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Safety module application     | For emergency stop and switch monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Function of module            | Emergency stop button with 2 NC contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Safety level                  | Can reach PL d/category 3 time delay safety outputs conforming to EN/ISO 13849-1<br>Can reach PL e/category 4 instantaneous safety outputs conforming to EN/ISO 13849-1<br>Can reach SILCL 3 instantaneous safety outputs conforming to EN/IEC 62061<br>Can reach SILCL 2 time delay safety outputs conforming to EN/IEC 62061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Safety reliability data       | DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs<br>MTTFd = 134.8 years conforming to EN/ISO 13849-1 instantaneous safety outputs<br>MTTFd = 54.5 years conforming to EN/ISO 13849-1 time delay safety outputs<br>DC > 98.4 conforming to EN/ISO 13849-1 time delay safety outputs<br>PFHd = 6.81E-9 1/h conforming to EN/IEC 62061 instantaneous safety outputs<br>PFHd = 1.96E-8 1/h conforming to EN/IEC 62061 time delay safety outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 0.25...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, 2 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     | 230 V AC - 20...10 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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

## Complementary

|                                             |                                                                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synchronisation time between inputs         | 75 ms                                                                                                                                                                         |
| Supply frequency                            | 50/60 Hz                                                                                                                                                                      |
| Maximum power consumption in W              | 8 W                                                                                                                                                                           |
| Input protection type                       | Internal, electronic                                                                                                                                                          |
| Time delay range                            | 0...30 s                                                                                                                                                                      |
| [Uc] control circuit voltage                | 48 V DC                                                                                                                                                                       |
| Breaking capacity                           | 180 VA holding AC-15 C300 relay output<br>1800 VA inrush AC-15 C300 relay output                                                                                              |
| Breaking capacity                           | 1 A at 24 V (DC-13) time constant: 50 ms for relay output                                                                                                                     |
| Output thermal current                      | 2.5 A for time delay outputs<br>5 A for instantaneous outputs                                                                                                                 |
| [Ith] conventional free air thermal current | 8 A                                                                                                                                                                           |
| Associated fuse rating                      | 4 A gG for time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200<br>6 A gG for instantaneous outputs 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         | 20 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                            | 4 LEDs                                                                                                                                                                        |
| Mounting support                            | 35 mm symmetrical DIN rail                                                                                                                                                    |
| Net weight                                  | 0.38 kg                                                                                                                                                                       |

## Environment

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60204-1<br>EN/ISO 13850<br>EN/IEC 60947-5-1                                         |
| Product certifications                | CSA[RETURN]UL[RETURN]TÜV                                                                   |
| 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                                                                                |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 12.5 cm |
| Package 1 Width              | 6.2 cm  |
| Package 1 Length             | 10.5 cm |
| Package 1 Weight             | 510.0 g |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                        |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</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 |
| PVC free | Yes                                                                                                                         |

### Contractual warranty

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| Warranty | 18 months |
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Dimensions

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