

Product availability: Stock - Normally stocked in distribution facility



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Preventa Safety automation   |
| Product or component type     | Preventa safety module   |
| Safety module name            | XPSDME   |
| Safety module application     | Monitoring 6 coded magnetic switches   |
| Function of module            | Coded magnetic 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 = 82.4 years conforming to EN/ISO 13849-1<br>PFHd = 3.97E-9 1/h conforming to EN/IEC 62061 |
| [Us] rated supply voltage     | 24 V DC (- 20...20 %)  |
| Output type                   | Relay 2 NO, volt-free  |
| Number of additional circuits | 2 solid state outputs  |

### Complementary

|   |   |
|---|---|
| Synchronisation time between inputs         | < 0.5 s   |
| Power consumption in W                      | <= 3.5 W  |
| Input protection type                       | Internal, electronic  |
| [Uc] control circuit voltage                | 28 V DC   |
| Line resistance                             | 100 Ohm   |
| Breaking capacity                           | C300: holding 180 VA AC-15 relay output<br>C300: inrush 1800 VA AC-15 relay output  |
| Breaking capacity                           | 1.5 A/24 V - L/R = 50 ms, DC-13 relay output  |
| Output thermal current                      | 6 A per relay relay output  |
| [Ith] conventional free air thermal current | <= 12 A   |
| Associated fuse rating                      | 4 A gG relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200<br>6 A fast blow relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 |
| Minimum output current                      | 10 mA relay output  |
| Minimum output voltage                      | 17 V relay output   |
| Response time on input open                 | <= 20 ms  |
| [Ui] rated insulation voltage               | 300 V, degree of pollution 2 conforming to IEC 60947-5-1<br>300 V, degree of pollution 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                            | 15 LEDs   |

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.

|                         |   |
|-------------------------|---|
| Connections - terminals | Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid cable without cable end<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible cable without cable end<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, without bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm <sup>2</sup> solid cable without cable end<br>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 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, with 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 without cable end<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 bezel |
| Current consumption     | 8 mA / 28 V DC on power supply  |
| Mounting support        | 35 mm symmetrical DIN rail  |
| Product weight          | 0.66 lb(US) (0.3 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1                                  |
| 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 | 14...131 °F (-10...55 °C)  |
| Ambient air temperature for storage   | -13...185 °F (-25...85 °C)   |

## Ordering and shipping details

|                       |                                   |
|-----------------------|-----------------------------------|
| Category              | 22477 - SAFETY MODULES (PREVENTA) |
| Discount Schedule     | SAF2                              |
| GTIN                  | 00785901345282                    |
| Nbr. of units in pkg. | 1                                 |
| Package weight(Lbs)   | 0.65000000000000002               |
| Returnability         | Y                                 |
| Country of origin     | ID                                |

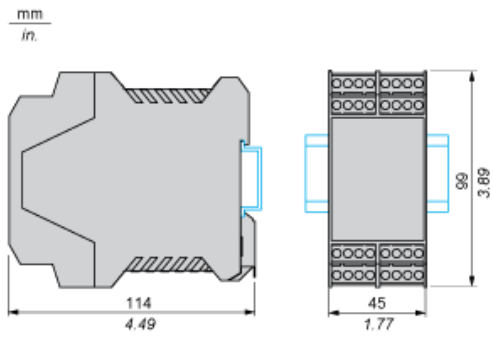
## Offer Sustainability

|                           |  |
|---------------------------|--|
| California proposition 65 | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1         | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| ----- More information    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

## Contractual warranty

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

Dimensions



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