



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Preventa Safety automation  |
| Product or component type     | Preventa safety module  |
| Safety module name            | XPSVNE  |
| Safety module application     | For zero speed detection  |
| Function of module            | Monitoring 3-phase motor with star-delta starting<br>Monitoring 3-phase motor with variable number of poles and star-delta starting<br>Monitoring 3-phase motor + variable speed drive<br>Monitoring 3-phase motor<br>Monitoring XPS AK<br>Monitoring star-delta motor starter and guard switch type XCS E<br>Monitoring dc motor |
| Safety level                  | Can reach PL d/category 3 EN/ISO 13849-1<br>Can reach SILCL 2 EN/IEC 62061  |
| Safety reliability data       | MTTFd = 124.1 years EN/ISO 13849-1<br>DC > 99 % EN/ISO 13849-1<br>PFHd = 9.26E-9 1/h EN/IEC 62061   |
| [Us] rated supply voltage     | 24 V DC - 15...10 %   |
| Output type                   | Relay, 1 NO + 1 NC, volt-free   |
| Number of additional circuits | 2 solid state outputs   |

## Complementary

|   |  |
|---|--|
| Product destination                         | For motor power supply <= 60 Hz  |
| Maximum power consumption in W              | 3.5 W  |
| Input voltage                               | 500 Vrms   |
| Input detection threshold                   | 0.01...0.1 V   |
| Breaking capacity                           | 180 VA holding AC-15 C300 relay output<br>1800 VA inrush AC-15 C300 relay output   |
| Breaking capacity                           | 1.2 A 24 V DC-(13)50 ms NC relay output circuit<br>1.5 A 24 V DC-(13)50 ms NO relay output circuit<br>10 MA 48 V solid state output circuit<br>20 mA 24 V solid state output circuit |
| [Ith] conventional free air thermal current | 2.5 A relay output   |
| Associated fuse rating                      | 4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200  |
| Minimum output current                      | 10 mA relay output   |
| Minimum output voltage                      | 17 V relay output  |
| [Ui] rated insulation voltage               | 300 V 2)IEC 60947-5-1<br>300 V 2)DIN VDE 0110 parts 1 and 2  |
| [Uimp] rated impulse withstand voltage      | 4 KV III IEC 60947-5-1<br>4 kV III DIN VDE 0110 parts 1 and 2  |
| Local signalling                            | 4 LEDs   |

|                         |  |
|-------------------------|--|
| Connections - terminals | Captive screw clamp terminals, removable terminal block flexible 0.2...1.5 mm <sup>2</sup> without cable end, 2 wires<br>Captive screw clamp terminals, removable terminal block flexible 0.2...2.5 mm <sup>2</sup> without cable end, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible 0.25...1 mm <sup>2</sup> with cable end, without bezel, 2 wires<br>Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm <sup>2</sup> with cable end, with bezel, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm <sup>2</sup> with cable end, without bezel, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible 0.5...1.5 mm <sup>2</sup> with cable end, with double bezel, 2 wires<br>Captive screw clamp terminals, removable terminal block solid 0.2...1 mm <sup>2</sup> without cable end, 2 wires<br>Captive screw clamp terminals, removable terminal block solid 0.2...2.5 mm <sup>2</sup> without cable end, 1 wire |
| Mounting support        | 35 mm symmetrical DIN rail   |
| Depth                   | 4.49 in (114 mm)   |
| Height                  | 3.90 in (99 mm)  |
| Maximum Width           | 1.77 in (45 mm)  |
| Net Weight              | 1.10 lb(US) (0.5 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60947-5-1<br>EN/IEC 60204-1                         |
| Product certifications                | CSA<br>UL<br>TÜV   |
| IP degree of protection               | IP20 terminals)EN/IEC 60529<br>IP40 enclosure)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                  | 00785901617617                    |
| Nbr. of units in pkg. | 1                                 |
| Package weight(Lbs)   | 0.6 lb(US) (0.27 kg)              |
| Returnability         | Yes                               |
| Country of origin     | ID                                |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 1.050 dm |
| Package 1 width  | 1.250 dm |
| Package 1 Length | 0.650 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <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>   |

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|                     |  |
|---------------------|--|
| 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  |

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### Contractual warranty

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| Warranty | 18 months |
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Dimensions

