

# Product data sheet

Specifications



module XPSVN - zero speed  
detection - 115 V AC for motor  
power supply > 60 Hz

XPSVNE3442HSP

⚠ Discontinued - Service only

⚠ Discontinued on: Jul 31, 2023

⚠ To be end-of-service on: Dec 31, 2025

## 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 + variable speed drive<br>Monitoring XPS AK<br>Monitoring 3-phase motor<br>Monitoring 3-phase motor with star-delta starting<br>Monitoring 3-phase motor with variable number of poles and star-delta starting<br>Monitoring dc motor<br>Monitoring star-delta motor starter and guard switch type XCS E |
| Safety Level                  | Can reach PL d/category 3 conforming to EN/ISO 13849-1<br>Can reach SILCL 2 conforming to EN/IEC 62061  |
| Safety Reliability Data       | MTTFd = 124.1 years conforming to EN/ISO 13849-1<br>DC > 99 % conforming to EN/ISO 13849-1<br>PFHd = 9.26E-9 1/h conforming to EN/IEC 62061   |
| Product Certifications        | CSA<br>TÜV<br>UL  |
| [Us] Rated Supply Voltage     | 115 V AC - 15...15 %  |
| Output Type                   | Relay, 1 NO + 1 NC circuit(s), volt-free  |
| Number Of Additional Circuits | 2 solid state outputs   |

## Complementary

|   |  |
|---|--|
| Product Destination                         | For motor power supply > 60 Hz   |
| Power Consumption In Va                     | 7.5 VA   |
| 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 at 24 V (DC-13) time constant: 50 ms for NC relay output circuit<br>1.5 A at 24 V (DC-13) time constant: 50 ms for NO relay output circuit<br>10 mA at 48 V for solid state output circuit<br>20 mA at 24 V for solid state output circuit |
| [Ith] Conventional Free Air Thermal Current | 2.5 A for relay output   |
| Associated Fuse Rating                      | 4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200  |

Disclaimer: 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

|  |  |
|--|--|
| Standards                              | EN/IEC 60947-5-1<br>EN/IEC 60204-1   |
| Minimum Output Current                 | 10 mA for relay output   |
| Minimum Output Voltage                 | 17 V for relay output  |
| [Uij] 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 parts 1 and 2  |
| [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 parts 1 and 2  |
| Local Signalling                       | 4 LEDs   |
| Connections - Terminals                | Captive screw clamp terminals, removable terminal block flexible cable: 0.2...1.5 mm <sup>2</sup> without cable end, 2 wires<br>Captive screw clamp terminals, removable terminal block flexible cable: 0.2...2.5 mm <sup>2</sup> without cable end, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...1 mm <sup>2</sup> with cable end, without bezel, 2 wires<br>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm <sup>2</sup> with cable end, with bezel, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm <sup>2</sup> with cable end, without bezel, 1 wire<br>Captive screw clamp terminals, removable terminal block flexible cable: 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 cable: 0.2...1 mm <sup>2</sup> without cable end, 2 wires<br>Captive screw clamp terminals, removable terminal block solid cable: 0.2...2.5 mm <sup>2</sup> without cable end, 1 wire |
| Mounting Support                       | 35 mm symmetrical DIN rail   |
| Depth                                  | 114 mm   |
| Height                                 | 99 mm  |
| Width                                  | 45 mm  |
| Net Weight                             | 0.6 kg   |

## Environment

|                                       |  |
|---------------------------------------|--|
| 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             | 10.5 cm  |
| Package 1 Width              | 12.5 cm  |
| Package 1 Length             | 6.5 cm   |
| Package 1 Weight             | 382.0 g  |
| Unit Type Of Package 2       | S02      |
| Number Of Units In Package 2 | 12       |
| Package 2 Height             | 15 cm    |
| Package 2 Width              | 30 cm    |
| Package 2 Length             | 40 cm    |
| Package 2 Weight             | 5.039 kg |

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 3       | P06       |
| Number Of Units In Package 3 | 192       |
| Package 3 Height             | 105 cm    |
| Package 3 Width              | 60 cm     |
| Package 3 Length             | 80 cm     |
| Package 3 Weight             | 81.844 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Pvc Free

## Certifications & Standards

|                           |   |
|---------------------------|---|
| Reach Regulation          | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)  |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a>  |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>   |
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins   |
| Circularity Profile       | <a href="#">End of Life Information</a>   |
| 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> |