

## 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 variable number of poles and star-delta starting Monitoring 3-phase motor + variable speed drive Monitoring 3-phase motor with star-delta starting Monitoring 3-phase motor Monitoring dc motor Monitoring XPS AK Monitoring star-delta motor starter and guard switch type XCS E
Safety level	Can reach SILCL 2 conforming to EN/IEC 62061 Can reach PL d/category 3 conforming to EN/ISO 13849-1
Safety reliability data	PFHd = 9.26E-9 1/h conforming to EN/IEC 62061 DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 124.1 years conforming to EN/ISO 13849-1
[Us] rated supply voltage	115 V AC (- 15...15 %)
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
Power consumption	<= 7.5 VA
Input voltage	500 Vrms
Input detection threshold	0.01...0.1 V
Breaking capacity	C300: inrush 1800 VA AC-15 for relay output C300: holding 180 VA AC-15 for relay output
Breaking capacity	1.5 A/24 V - L/R = 50 ms, DC-13 for NO relay output circuit 1.2 A/24 V - L/R = 50 ms, DC-13 for NC relay output circuit 20 mA/24 V for solid state output circuit 10 mA/48 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
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
[Ui] rated insulation voltage	300 V, degree of pollution 2 conforming to IEC 60647-5-1, DIN VDE 0110 parts 1 & 2
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III, conforming to IEC 60647-5-1, DIN VDE 0110 parts 1 & 2
Local signalling	4 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	<p>Captive screw clamp terminals, removable terminal block solid cable: 0.2...2.5 mm<sup>2</sup> without cable end, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block solid cable: 0.2...1 mm<sup>2</sup> without cable end, 2 wires</p> <p>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</p> <p>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm<sup>2</sup> with cable end, without bezel, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm<sup>2</sup> with cable end, with bezel, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable: 0.25...1 mm<sup>2</sup> with cable end, without bezel, 2 wires</p> <p>Captive screw clamp terminals, removable terminal block flexible cable: 0.2...2.5 mm<sup>2</sup> without cable end, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable: 0.2...1.5 mm<sup>2</sup> without cable end, 2 wires</p>
Mounting support	35 mm symmetrical DIN rail
Depth	114 mm
Height	99 mm
Width	45 mm
Product weight	0.6 kg

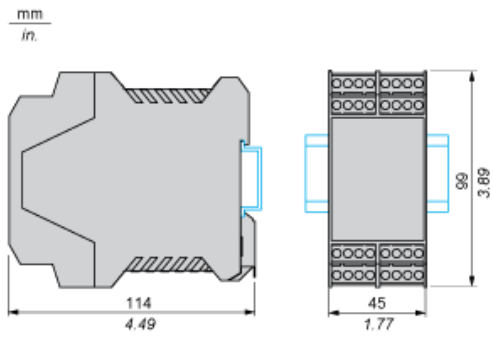
## Environment

Standards	<p>EN/IEC 60204-1</p> <p>EN/IEC 60947-5-1</p>
Product certifications	<p>CSA</p> <p>TÜV</p> <p>UL</p>
IP degree of protection	<p>IP40(Enclosure) conforming to EN/IEC 60529</p> <p>IP20(Terminals) conforming to EN/IEC 60529</p>
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

## Contractual warranty

Period	18 months
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Dimensions



## Wiring Diagrams

### Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:



**XPSAC5121**  
module XPSAC - Emergency stop - 24 V AC DC  
[Download XPSAC5121 product datasheet](#)

- Discover XPSAC5121 by
- Characteristics
  - Dimensions Drawings
  - Connections and Schema
  - Technical Description
  - **Download & Documents**

Download & Documents 1 to 3 of 3 (Total: -1)

Instruction sheet		
XPSAC... Safety module for emergency stop and switch monitoring	English 2012-07-04	pdf (28)

Image of product

Emergency stop and switch monitoring	2010-11-10	{Select : }
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Certificate

Russian certificate	English 2010-07-07	pdf (60)
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- 1 Click on Download & Documents.
- 2 Click on Instruction sheet.