



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	230 V AC (- 15...10 %)
Output type	Relay 1 NO + 1 NC, volt-free
Number of additional circuits	2 solid state outputs

Complementary

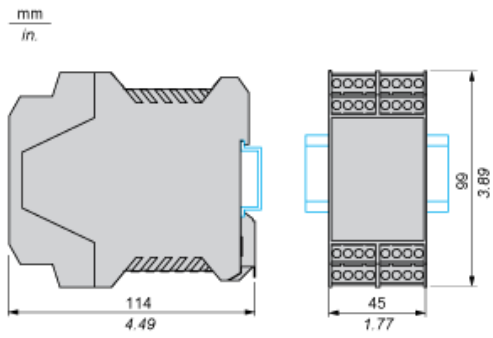
Product destination	For motor power supply > 60 Hz
Power consumption	<= 7 VA
Input voltage	500 Vrms
Input detection threshold	0.01...0.1 V
Breaking capacity	C300 : inrush 1800 VA AC-15 for relay output C300 : holding 180 VA AC-15 for relay output
Breaking capacity	20 mA / 24 V for solid state output circuit 10 mA / 48 V for solid state output circuit 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
[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 DIN VDE 0110 parts 1 and 2 300 V, degree of pollution 2 conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III, conforming to DIN VDE 0110 parts 1 and 2 4 kV overvoltage category III, conforming to IEC 60947-5-1
Local signalling	4 LEDs

Connections - terminals	<p>Captive screw clamp terminals, removable terminal block solid cable : 0.2...2.5 mm² without cable end, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block solid cable : 0.2...1 mm² without cable end, 2 wires</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.5...1.5 mm² with cable end, with double bezel, 2 wires</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.25...2.5 mm² with cable end, without bezel, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.25...2.5 mm² with cable end, with bezel, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.25...1 mm² with cable end, without bezel, 2 wires</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.2...2.5 mm² without cable end, 1 wire</p> <p>Captive screw clamp terminals, removable terminal block flexible cable : 0.2...1.5 mm² 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

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](#)

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)
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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.