

XPSVNE3742P

module XPSVN - zero speed detection - 230 V
DC for motor power supply <= 60 Hz



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

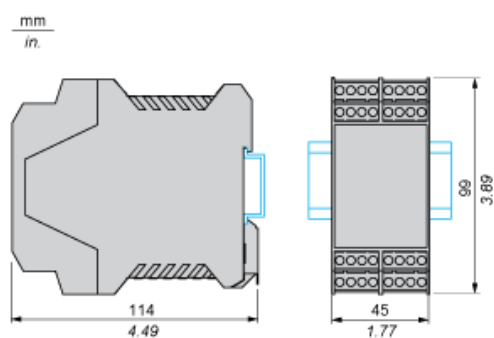
Product destination	For motor power supply <= 60 Hz
Power consumption	<= 7 VA
Input voltage	500 Vrms
Input detection threshold	0.01...0.1 V
Breaking capacity	C300: inrush 1800 VA AC-15 for relay output C300: holding 180 VA AC-15 for relay output
Breaking capacity	1.5 A/24 V - L/R = 50 ms, DC-13 for NO 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

Connections - terminals	Captive screw clamp terminals, removable terminal block solid cable: 0.2...2.5 mm ² without cable end, 1 wire Captive screw clamp terminals, removable terminal block solid cable: 0.2...1 mm ² without cable end, 2 wires Captive screw clamp terminals, removable terminal block flexible cable: 0.5...1.5 mm ² with cable end, with double bezel, 2 wires Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm ² with cable end, without bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm ² with cable end, with bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible cable: 0.25...1 mm ² with cable end, without bezel, 2 wires Captive screw clamp terminals, removable terminal block flexible cable: 0.2...2.5 mm ² without cable end, 1 wire Captive screw clamp terminals, removable terminal block flexible cable: 0.2...1.5 mm ² without cable end, 2 wires
Mounting support	35 mm symmetrical DIN rail
Depth	114 mm
Height	99 mm
Width	45 mm
Product weight	0.6 kg

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	CSA TÜV UL
IP degree of protection	IP40(Enclosure) conforming to EN/IEC 60529 IP20(Terminals) conforming to EN/IEC 60529
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:

The screenshot shows the product page for XPSAC5121. On the left, a sidebar titled 'Discover XPSAC5121 by' lists categories: Characteristics, Dimensions Drawings, Connections and Schema, Technical Description, and Download & Documents. The 'Download & Documents' category is highlighted with a red box and a line pointing to a circled '1'. The main content area shows the product name 'XPSAC5121' and description 'module XPSAC - Emergency stop - 24 V AC DC'. Below this is a link to 'Download XPSAC5121 product datasheet'. A 'Download & Documents' window is open, showing a list of documents. The 'Instruction sheet' section is highlighted with a red box and a line pointing to a circled '2'. The 'Instruction sheet' entry shows the title 'XPSAC... Safety module for emergency stop and switch monitoring', the language 'English', the date '2012-07-04', and a 'pdf (28)' icon. Below this, the 'Image of product' section shows 'Emergency stop and switch monitoring' with the date '2010-11-10' and a '(Select :)' dropdown. The 'Certificate' section shows 'Russian certificate' with the language 'English', the date '2010-07-07', and a 'pdf (60)' icon.

Discover XPSAC5121 by

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

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.