

XPSVNE1142HSP

module XPSVN - zero speed detection - 24 V
DC for motor power supply > 60 Hz



Main

Commercial Status	Commercialised
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	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
Power consumption	<= 3.5 W
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

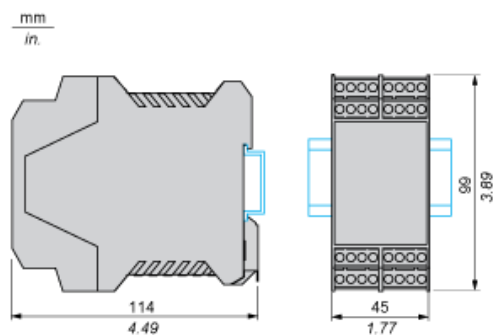
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Connections - terminals	Captive screw clamp terminals, removable terminal block solid cable : 0.2...2.5 mm ² without cable end, 1 wire Captive screw clamp terminals, removable terminal block solid cable : 0.2...1 mm ² without cable end, 2 wires Captive 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	0.5 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:



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, v)
Image of product		
Emergency stop and switch monitoring	2010-11-10	(Select : v)
Certificate		
Russian certificate	English 2010-07-07	pdf (60, v)

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- 1 Click on Download & Documents.
- 2 Click on Instruction sheet.