Product data sheet
Characteristics

XPSVNE3442P
module XPSVN - zero speed detection - 115 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	115 V AC (- 15...15 %)
Output type	Relay 1 NO + 1 NC, volt-free
Number of additional circuits	2 solid state outputs

Complementary

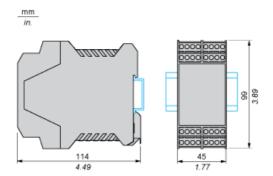|	
Product destination	For motor power supply <= 60 Hz
Power consumption	<= 7.5 VA
Input voltage	500 Vrms
Input detection threshold	0.01...0.1 V
Breaking capacity	C300: inrush 1800 VA AC-15 for relay output C300: holding 180 VA AC-15 for relay output
Breaking capacity	1.5 A/24 V - L/R = 50 ms, DC-13 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

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

Contractual warranty

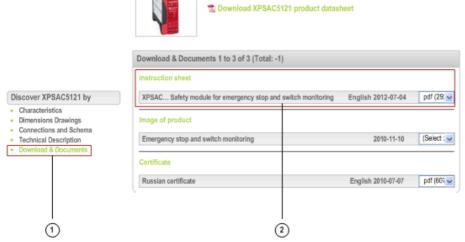|	
Period	18 months

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XPSVNE3442P

Dimensions

mm / in.

Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

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

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