

XPSVNE1142P

module XPSVN - zero speed detection - 24 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 star-delta starting Monitoring 3-phase motor with variable number of poles and star-delta starting Monitoring 3-phase motor + variable speed drive Monitoring 3-phase motor Monitoring XPS AK Monitoring star-delta motor starter and guard switch type XCS E Monitoring dc motor
Safety level	Can reach PL d/category 3 EN/ISO 13849-1 Can reach SILCL 2 EN/IEC 62061
Safety reliability data	MTTFd = 124.1 years EN/ISO 13849-1 DC > 99 % EN/ISO 13849-1 PFHd = 9.26E-9 1/h EN/IEC 62061
[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
Maximum power consumption in W	3.5 W
Input voltage	500 Vrms
Input detection threshold	0.01...0.1 V
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	1.2 A 24 V DC-13)50 ms NC relay output circuit 1.5 A 24 V DC-13)50 ms NO relay output circuit 10 MA 48 V solid state output circuit 20 mA 24 V solid state output circuit
[Ith] conventional free air thermal current	2.5 A relay output
Associated fuse rating	4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
[Ui] rated insulation voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 parts 1 and 2
[Uimp] rated impulse withstand voltage	4 KV III IEC 60947-5-1 4 kV III DIN VDE 0110 parts 1 and 2
Local signalling	4 LEDs

Connections - terminals	Captive screw clamp terminals, removable terminal block flexible 0.2...1.5 mm ² without cable end, 2 wires Captive screw clamp terminals, removable terminal block flexible 0.2...2.5 mm ² without cable end, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.25...1 mm ² with cable end, without bezel, 2 wires Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm ² with cable end, with bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm ² with cable end, without bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.5...1.5 mm ² with cable end, with double bezel, 2 wires Captive screw clamp terminals, removable terminal block solid 0.2...1 mm ² without cable end, 2 wires Captive screw clamp terminals, removable terminal block solid 0.2...2.5 mm ² without cable end, 1 wire
Mounting support	35 mm symmetrical DIN rail
Depth	4.49 in (114 mm)
Height	3.90 in (99 mm)
Maximum Width	1.77 in (45 mm)
Net Weight	1.10 lb(US) (0.5 kg)

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1
Product certifications	CSA UL TÜV
IP degree of protection	IP20 terminals)EN/IEC 60529 IP40 enclosure)EN/IEC 60529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-13...185 °F (-25...85 °C)

Ordering and shipping details

Category	22477 - SAFETY MODULES (PREVENTA)
Discount Schedule	SAF2
GTIN	00785901617617
Nbr. of units in pkg.	1
Package weight(Lbs)	0.6 lb(US) (0.27 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	1.050 dm
Package 1 width	1.250 dm
Package 1 Length	0.650 dm

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile

Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Contractual warranty	
Warranty	18 months

Dimensions

