



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 + variable speed drive Monitoring XPS AK Monitoring 3-phase motor Monitoring 3-phase motor with star-delta starting Monitoring 3-phase motor with variable number of poles and star-delta starting Monitoring dc motor Monitoring star-delta motor starter and guard switch type XCS E
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 % conforming to EN/ISO 13849-1 PFHd = 9.26E-9 1/h EN/IEC 62061
[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
Maximum power consumption in VA	7.5 VA
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 at 24 V for solid state output circuit
[Ith] conventional free air thermal current	2.5 A 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 (pollution degree 2) conforming to IEC 60947-5-1 300 V 2)DIN VDE 0110 parts 1 and 2
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to 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)
Width	1.77 in (45 mm)
Net weight	1.32 lb(US) (0.6 kg)

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1
Product certifications	CSA TÜV UL
IP degree of protection	IP20 (terminals) conforming to 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)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	13.47 oz (382 g)
Package 1 Height	4.13 in (10.5 cm)
Package 1 width	4.92 in (12.5 cm)
Package 1 Length	2.56 in (6.5 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
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Dimensions

