



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAR
Safety module application	For emergency stop, switch and safety light curtain monitoring
Function of module	Monitoring of a movable guard Emergency stop with 2 NC contacts monitoring 2-channel wiring Multiple emergency stop monitoring 2-channel wiring Emergency stop monitoring 1-channel wiring Monitoring of a movable guard associated with 2 switches and automatic start Monitoring of electro-sensitive protection equipment (ESPE)
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 277.8 years EN/ISO 13849-1 PFHd = 2.22E-9 1/h EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm ² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm ² solid with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm ² flexible with cable end, with double bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 7 NO, volt-free
Number of additional circuits	2 NC + 4 solid state outputs
[Us] rated supply voltage	230 V AC - 15...10 % 24 V DC - 15...10 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

Synchronisation time between inputs	100 ms
Supply frequency	50/60 Hz
Maximum power consumption in W	4 W DC
Maximum power consumption in VA	9 VA AC
Input protection type	Internal, electronic
Time delay range	0...30 s
[Uc] control circuit voltage	24 V DC
Maximum line resistance	50 Ohm
Breaking capacity	360 VA holding AC-15 C300 relay output 3600 VA inrush AC-15 C300 relay output
Breaking capacity	20 mA 24 V 2 A 24 V DC-13)50 ms relay output
Output thermal current	10 A per relay relay output
[Ith] conventional free air thermal current	40 A
Associated fuse rating	10 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A gG or gL relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	170 mA relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	20 ms
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60947-5-1 300 V (pollution degree 2) conforming to DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to IEC 60947-5-1 4 kV overvoltage category III conforming to DIN VDE 0110 part 1
Local signalling	4 LEDs
Current consumption	30 mA 24 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Net weight	0.88 lb(US) (0.4 kg)

Environment

Standards	EN/IEC 60947-5-1 EN 1088/ISO 14119 EN/IEC 60204-1 EN/ISO 13850
Product certifications	CSA UL TÜV
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

Package 1 Weight	1.57 lb(US) (0.711 kg)
Package 1 Height	1.040 dm
Package 1 width	1.260 dm
Package 1 Length	1.080 dm

Offer Sustainability

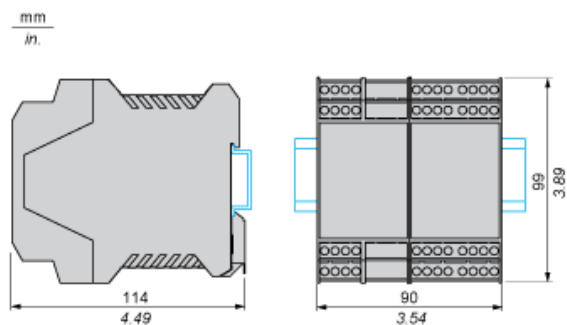
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration

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




XPSAR371144P is replaced by the following group of products:

	<p>Emergency Stop XPSUAF33AP Preventa module Cat.4 potential free NC/NC, NO/NC & PNP/PNP 48-240vac/dc screw Qty 1</p>
	<p>Expansion Module XPSUEP14AP Preventa module Cat.4 Expansion use with Universal range 24vac/dc screw Qty 1</p>

Reason for Substitution: End of life | Substitution date: 01 June 2019

Or XPSAR371144P is replaced by:

	<p>Emergency Stop XPSUAT33A3AP Preventa module Cat.4 features XPSUAK + delayed outputs 48-240vac/dc screw Qty 1 Reason for Substitution: End of life Substitution date: 01 June 2019</p>
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