



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	Emergency stop with 2 NC contacts monitoring 2-channel wiring Monitoring of electro-sensitive protection equipment (ESPE) Monitoring of a movable guard associated with 2 switches and automatic start Emergency stop monitoring 1-channel wiring Monitoring of a movable guard Multiple emergency stop monitoring 2-channel wiring
Safety level	Can reach PL e/category 4 EN/ISO 13849-1 Can reach SILCL 3 EN/IEC 62061
Safety reliability data	DC > 99 % 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	24 V AC - 15...10 % 24 V DC - 15...10 %

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	7 VA AC
Input protection type	Internal, electronic
[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 relay output
Maximum response time on input open	20 ms
[Ui] rated insulation voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 KV III IEC 60947-5-1 4 kV III 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	0.66 lb(US) (0.3 kg)

Environment

Standards	EN/IEC 60204-1 EN 1088/ISO 14119 EN/ISO 13850 EN/IEC 60947-5-1
Product certifications	TÜV CSA UL
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	00785901343707
Nbr. of units in pkg.	1
Package weight(Lbs)	1.25 lb(US) (0.57 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.25 in (10.8 cm)
Package 1 width	4.25 in (10.8 cm)
Package 1 Length	4.92 in (12.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Weight	16.56 lb(US) (7.51 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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
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Dimensions

