

Product availability: Stock - Normally stocked in distribution facility



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAV
Safety module application	For emergency stop and switch monitoring
Function of module	Emergency stop button with 2 NC contacts, monitored start Emergency stop monitoring 2-channel wiring Monitoring of a movable guard associated with 2 switches automatic start Emergency stop button with 1 NC contact, automatic start or unmonitored start Emergency stop monitoring 1-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 = 75.8 years EN/ISO 13849-1 PFHd = 7.95E-9 1/h EN/IEC 62061
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm <sup>2</sup> solid with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm <sup>2</sup> solid with cable end, with double bezel Captive screw clamp terminals, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, with double bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel
Output type	Relay instantaneous opening, 3 NO, volt-free Relay time delay opening, 3 NO, volt-free
Number of additional circuits	3 solid state outputs
[Us] rated supply voltage	24 V DC - 20...20 %

## Complementary

Synchronisation time between inputs	1.5 s for guard Unlimited for emergency stop
Maximum power consumption in W	5 W DC
Input protection type	Internal, electronic
Time delay range	0...300 s
[Uc] control circuit voltage	24 V DC
Maximum line resistance	100 Ohm <6561.68 ft (2000 m)
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	20 MA 24 V 1.25 A 24 V DC-13)50 ms relay output

Output thermal current	2 A for 1 output and 4 A for the other 2 outputs instantaneous and time delay outputs 3.3 A for all 3 outputs instantaneous and time delay outputs 6 A for 1 output and 2 A for the other 2 outputs instantaneous and time delay outputs
[I <sub>th</sub> ] conventional free air thermal current	20 A
Associated fuse rating	4 A gG or gL instantaneous and time delay outputs EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Maximum response time on input open	30 ms
[U <sub>i</sub> ] rated insulation voltage	300 V 2)IEC 60947-5-1 300 V 2)DIN VDE 0110 part 1
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV III IEC 60947-5-1 4 kV III DIN VDE 0110 part 1
Local signalling	11 LEDs
Mounting support	35 mm symmetrical DIN rail
Net weight	0.71 lb(US) (0.32 kg)

## Environment

Standards	EN/ISO 13850 EN 1088/ISO 14119 EN/IEC 60947-5-1 EN/IEC 60204-1
Product certifications	UL TÜV CSA
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	00785901470014
Package weight(Lbs)	0.43 kg (0.94 lb(US))
Returnability	Yes
Country of origin	ID

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
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Dimensions

