



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety time delay module
Safety module name	XPSTSA
Safety module application	For application with interlocking on high inertia
Function of module	Monitoring safety time delays
Safety level	Can reach PL d/category 3 EN/ISO 13849-1 Can reach SILCL 2 EN/IEC 62061
Safety reliability data	MTTFd = 126 years EN/ISO 13849-1 DC = 60...90 % EN/ISO 13849-1 PFHd = 1.3E-7 1/h EN/IEC 62061
[Us] rated supply voltage	24 V AC - 20...10 % 24 V DC - 15...15 %
Output type	Relay, 1 NO + 2 NC, volt-free
Number of additional circuits	2 solid state outputs

Complementary

Supply frequency	50/60 Hz
Maximum power consumption in VA	2.3 VA DC 4.3 VA AC
Input protection type	Internal, electronic
Time delay	1...31 s configurable
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	10 MA 48 V 20 MA 24 V solid state output circuit 1.5 A 24 V DC-13)50 ms relay output
[Ith] conventional free air thermal current	6 A relay output
Associated fuse rating	4 A gG relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow for relay output conforming to 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 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
Connections - terminals	Captive screw clamp terminals flexible 0.14...0.75 mm ² without cable end, 1 wire Captive screw clamp terminals flexible 0.14...2.5 mm ² without cable end, 1 wire Captive screw clamp terminals flexible 0.25...1 mm ² with cable end, without bezel, 1 wire Captive screw clamp terminals flexible 0.25...1.5 mm ² with cable end, with bezel, 1 wire Captive screw clamp terminals flexible 0.25...2.5 mm ² with cable end, without bezel, 1 wire Captive screw clamp terminals flexible 0.5...1.5 mm ² with cable end, with double bezel, 1 wire Captive screw clamp terminals solid 0.14...0.75 mm ² without cable end, 1 wire Captive screw clamp terminals solid 0.14...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	0.55 lb(US) (0.25 kg)

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	TÜV UL 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	00785901512707
Nbr. of units in pkg.	1
Package weight(Lbs)	0.55 lb(US) (0.25 kg)
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.48 in (6.3 cm)
Package 1 width	4.17 in (10.6 cm)
Package 1 Length	4.96 in (12.6 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
----------	-----------

Dimensions

