



### 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	230 V AC - 15...10 %
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	5.5 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 at 24 V for solid state output circuit 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[Ith] conventional free air thermal current	6 A relay output
Associated fuse rating	4 A gG for relay output conforming to 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 for relay output

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

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 (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
Connections - terminals	Captive screw clamp terminals, removable terminal block flexible 0.2...1.5 mm <sup>2</sup> without cable end, 2 wires Captive screw clamp terminals, removable terminal block flexible 0.2...2.5 mm <sup>2</sup> without cable end, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.25...1 mm <sup>2</sup> with cable end, without bezel, 2 wires Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm <sup>2</sup> with cable end, with bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.25...2.5 mm <sup>2</sup> with cable end, without bezel, 1 wire Captive screw clamp terminals, removable terminal block flexible 0.5...1.5 mm <sup>2</sup> with cable end, with double bezel, 2 wires Captive screw clamp terminals, removable terminal block solid 0.2...1 mm <sup>2</sup> without cable end, 2 wires Captive screw clamp terminals, removable terminal block solid 0.2...2.5 mm <sup>2</sup> 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	0.79 lb(US) (0.36 kg)

## Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1
Product certifications	UL CSA 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	14.22 oz (403 g)
Package 1 Height	2.48 in (6.3 cm)
Package 1 width	4.21 in (10.7 cm)
Package 1 Length	4.96 in (12.6 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	11.74 lb(US) (5.325 kg)
Package 2 Height	5.91 in (15 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
REACH Regulation	<a href="#">REACH Declaration</a>
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
PVC free	Yes

### Contractual warranty

Warranty	18 months
----------	-----------

Dimensions

