Product data sheet

module XPSTS - interlocking on high inertia machines - 230 V AC

XPSTSA3742P

⚠ **Discontinued on:** Jul 31, 2023

⚠ **To be end-of-service on:** Dec 31, 2025

⚠ **Discontinued - Service only**

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 conforming to EN/ISO 13849-1 Can reach SILCL 2 conforming to EN/IEC 62061
Safety Reliability Data	MTTFd = 126 years conforming to EN/ISO 13849-1 DC = 60...90 % conforming to EN/ISO 13849-1 PFHd = 1.3E-7 1/h conforming to EN/IEC 62061
[Us] Rated Supply Voltage	230 V AC - 15...10 %
Output Type	Relay, 1 NO + 2 NC circuit(s), 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 at 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 for 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
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 cable: 0.2...1.5 mm² without cable end, 2 wires
	Captive screw clamp terminals, removable terminal block flexible cable: 0.2...2.5 mm² without cable end, 1 wire
	Captive screw clamp terminals, removable terminal block flexible cable: 0.25...1 mm² with cable end, without bezel, 2 wires
	Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm² with cable end, with bezel, 1 wire
	Captive screw clamp terminals, removable terminal block flexible cable: 0.25...2.5 mm² with cable end, without bezel, 1 wire
	Captive screw clamp terminals, removable terminal block flexible cable: 0.5...1.5 mm² with cable end, with double bezel, 2 wires
	Captive screw clamp terminals, removable terminal block solid cable: 0.2...1 mm² without cable end, 2 wires
	Captive screw clamp terminals, removable terminal block solid cable: 0.2...2.5 mm² without cable end, 1 wire
Mounting Support	35 mm symmetrical DIN rail
Depth	114 mm
Height	99 mm
Width	45 mm
Net Weight	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) conforming to EN/IEC 60529
Ambient Air Temperature For Operation	-10…55 °C
Ambient Air Temperature For Storage	-25…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.3 cm
Package 1 Width	10.7 cm
Package 1 Length	12.6 cm
Package 1 Weight	403.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.325 kg

Contractual warranty

Warranty	18 months

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Guide to assess a product's sustainability ›

Transparency   RoHS/REACh

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

✅ Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information
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

Dimensions Drawings

Dimensions