# **Product datasheet**

Specifications





# module XPSAT - Emergency stop - 24 V AC/DC

XPSATE5110

- ! Discontinued on: 26 Feb 2024
- ! To be end-of-service on: 31 Dec 2025

① Discontinued - Service only

#### Main

ange Of Product Preventa Safety automation		
Product Or Component Type	Preventa safety module	
Safety Module Name	XPSATE	
Safety Module Application	For emergency stop and switch monitoring	
Function Of Module	Emergency stop button with 2 NC contacts	
Safety Level	Can reach PL d/category 3 time delay safety outputs conforming to EN/ISO 13849- Can reach PL e/category 4 instantaneous safety outputs conforming to EN/ISO 13849-1 Can reach SILCL 3 instantaneous safety outputs conforming to EN/IEC 62061 Can reach SILCL 2 time delay safety outputs conforming to EN/IEC 62061	
Safety Reliability Data	DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 134.8 years conforming to EN/ISO 13849-1 instantaneous safety outputs MTTFd = 54.5 years conforming to EN/ISO 13849-1 time delay safety outputs DC > 98.4 conforming to EN/ISO 13849-1 time delay safety outputs PFHd = 6.81E-9 1/h conforming to EN/IEC 62061 instantaneous safety outputs PFHd = 1.96E-8 1/h conforming to EN/IEC 62061 time delay safety outputs	
Type Of Start	Configurable	
Connections - Terminals  Captive screw clamp terminals, 1 x 0.141 x 2.5 mm² flexible with cable of double bezel  Captive screw clamp terminals, 1 x 0.141 x 2.5 mm² solid with cable of double bezel  Captive screw clamp terminals, 1 x 0.251 x 1.5 mm² flexible with cable of double bezel  Captive screw clamp terminals, 1 x 0.251 x 2.5 mm² flexible with cable of double bezel  Captive screw clamp terminals, 2 x 0.142 x 0.75 mm² flexible with cable of double bezel  Captive screw clamp terminals, 2 x 0.142 x 0.75 mm² solid with cable of double bezel  Captive screw clamp terminals, 2 x 0.142 x 0.75 mm² flexible with cable of double bezel  Captive screw clamp terminals, 2 x 0.252 x 1 mm² flexible with cable of double bezel  Captive screw clamp terminals, 2 x 0.552 x 1.5 mm² flexible with cable of double bezel		
Output Type	Relay instantaneous opening, 2 NO circuit(s), volt-free Relay time delay opening, 3 NO circuit(s), volt-free	
Number Of Additional Circuits	3 solid state outputs	
[Us] Rated Supply Voltage	24 V AC/DC - 1510 %	

## Complementary

Synchronisation Time Between Inputs	75 ms
Supply Frequency	50/60 Hz
Maximum Power Consumption In W	8 W

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Input Protection Type Internal, electronic		
Time Delay Range	030 s	
[Uc] Control Circuit Voltage	24 V AC/DC	
Breaking Capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output	
Breaking Capacity	1 A at 24 V (DC-13) time constant: 50 ms for relay output	
Output Thermal Current	2.5 A for time delay outputs 5 A for instantaneous outputs	
[Ith] Conventional Free Air Thermal Current	8 A	
Associated Fuse Rating	4 A gG for time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A gG for instantaneous outputs 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	
Maximum Response Time On Input Open	20 ms	
[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	
Mounting Support	35 mm symmetrical DIN rail	
Net Weight	0.28 kg	

## **Environment**

Standards	EN/IEC 60947-5-1 EN/IEC 60204-1 EN/ISO 13850
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	-1055 °C
Ambient Air Temperature For Storage	-2585 °C

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.5 cm
Package 1 Width	6.2 cm
Package 1 Length	10.5 cm
Package 1 Weight	339.0 g
Unit Type Of Package 2	CAR
Number Of Units In Package 2	1
Package 2 Height	12.5 cm

Package 2 Width	6.2 cm
Package 2 Length	10.5 cm
Package 2 Weight	334.0 g
Unit Type Of Package 3	S02
Number Of Units In Package 3	12
Package 3 Height	15.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	4.647 kg

# **Contractual warranty**

Warranty 12 months



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Transparency RoHS/REACh

#### Well-being performance

	Mercury Free	
<b>②</b>	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
<b>Environmental Disclosure</b>	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

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## **Product datasheet**

### XPSATE5110

#### **Dimensions Drawings**

#### **Dimensions**

