XPSATE5110
module XPSAT - Emergency stop - 24 V DC

Main

Range 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 SILCL 2 conforming to EN/IEC 62061 time delay safety outputs Can reach SILCL 3 conforming to EN/IEC 62061 instantaneous safety outputs Can reach PL e/category 4 conforming to EN/ISO 13849-1 instantaneous safety outputs Can reach PL d/category 3 conforming to EN/ISO 13849-1 time delay safety outputs
Safety reliability data	PFHd = 1.96E-8 1/h conforming to EN/IEC 62061 time delay safety outputs PFHd = 6.81E-9 1/h conforming to EN/IEC 62061 instantaneous safety outputs DC > 98.4 conforming to EN/ISO 13849-1 time delay safety outputs MTTFd = 54.5 years conforming to EN/ISO 13849-1 time delay safety outputs MTTFd = 134.8 years conforming to EN/ISO 13849-1 instantaneous safety outputs DC > 99 % conforming to EN/ISO 13849-1 instantaneous safety outputs
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals (2 x 0.5...2 x 1.5 mm²)flexible cable with cable end, with double bezel Captive screw clamp terminals (2 x 0.25...2 x 1 mm²)flexible cable with cable end, with double bezel Captive screw clamp terminals (2 x 0.14...2 x 0.75 mm²)solid cable with cable end, with double bezel Captive screw clamp terminals (2 x 0.14...2 x 0.75 mm²)flexible cable with cable end, with double bezel Captive screw clamp terminals (1 x 0.25...1 x 2.5 mm²)flexible cable with cable end, with double bezel Captive screw clamp terminals (1 x 0.25...1 x 1.5 mm²)flexible cable with cable end, with double bezel Captive screw clamp terminals (1 x 0.14...1 x 2.5 mm²)solid cable with cable end, with double bezel Captive screw clamp terminals (1 x 0.14...1 x 2.5 mm²)flexible cable with cable end, with double bezel
Output type	Relay time delay opening 3 NO, volt-free Relay instantaneous opening 2 NO, volt-free
Number of additional circuits	3 solid state outputs
[Us] rated supply voltage	24 V DC (- 15...10 %)

Complementary

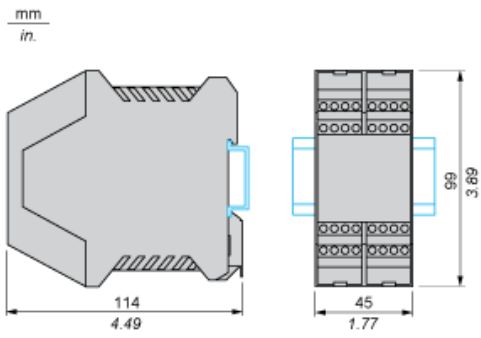|	
Synchronisation time between inputs	75 ms
Supply frequency	50/60 Hz
Power consumption in W	<= 8 W
Input protection type	Internal, electronic
Time delay	Adjustable between 0 to 30 s
Control circuit voltage	24 V DC

Breaking capacity	C300: 1800 VA, AC-15 (inrush) for relay output C300: 180 VA, AC-15 (holding) for relay output
Breaking capacity	1 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	5 A for instantaneous outputs 2.5 A for time delay outputs
[Ith] conventional free air thermal current	8 A
Associated fuse rating	6 A fuse type gG for instantaneous outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 4 A fuse type gG for time delay 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
Response time on input open	<= 20 ms
[Ui] rated insulation voltage	300 V (degree of pollution: 2) conforming to IEC 60647-5-1, DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to IEC 60647-5-1, DIN VDE 0110 part 1
Local signalling	4 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.28 kg

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 13850
Product certifications	CSA TÜV UL
IP degree of protection	IP40 (enclosure) conforming to EN/IEC 60529 IP20 (terminals) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

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Dimensions

mm
―――
in.

Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

📄 Download XPSAC5121 product datasheet

Discover XPSAC5121 by
- Characteristics
- Dimensions Drawings
- Connections and Schema
- Technical Description
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Instruction sheet

| XPSAC... Safety module for emergency stop and switch monitoring | English 2012-07-04 | pdf (29) |

Image of product

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Certificate

| Russian certificate | English 2010-07-07 | pdf (60) |

1   Click on Download & Documents.
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