



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAC
Safety module application	For emergency stop and switch monitoring
Function of module	Emergency stop Switch monitoring
Safety level	Can reach SILCL 3 conforming to EN/IEC 62061 Can reach PL e/category 4 conforming to EN/ISO 13849-1
Safety reliability data	PFHd = 3.56E-9 1/h conforming to EN/IEC 62061 DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 210.4 years conforming to EN/ISO 13849-1
Type of start	Unmonitored
Connections - terminals	Captive screw clamp terminals (2 x 0.5...2 x 1.5 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals (2 x 0.25...2 x 1 mm ²)flexible cable with cable end, without bezel Captive screw clamp terminals (2 x 0.14...2 x 0.75 mm ²)solid cable without cable end Captive screw clamp terminals (2 x 0.14...2 x 0.75 mm ²)flexible cable without cable end Captive screw clamp terminals (1 x 0.25...1 x 2.5 mm ²)flexible cable with cable end, without bezel Captive screw clamp terminals (1 x 0.25...1 x 1.5 mm ²)flexible cable with cable end, with bezel Captive screw clamp terminals (1 x 0.14...1 x 2.5 mm ²)solid cable without cable end Captive screw clamp terminals (1 x 0.14...1 x 2.5 mm ²)flexible cable without cable end
Output type	Relay instantaneous opening 3 NO, volt-free
Number of additional circuits	1 solid state output
[Us] rated supply voltage	24 V DC (- 20...20 %) 24 V AC (- 20...10 %)

Complementary

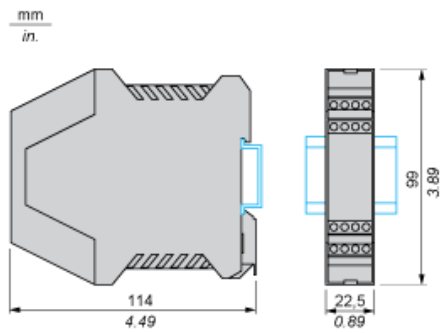
Supply frequency	50/60 Hz
Power consumption in W	<= 1.2 W DC
Power consumption in VA	<= 2.5 VA AC
Control circuit voltage	24 V
Breaking capacity	C300: 1800 VA, AC-15 (inrush) for relay output C300: 180 VA, AC-15 (holding) for relay output
Breaking capacity	1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Output thermal current	6 A per relay for relay output
[Ith] conventional free air thermal current	10.5 A
Associated fuse rating	6 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 4 A fuse type gG or gL 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	16 V for relay output
Response time on input open	<= 100 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	2 LEDs
Current consumption	90 mA at 24 V AC (on power supply) 40 mA at 24 V DC (on power supply)
Mounting support	35 mm symmetrical DIN rail
Product weight	0.16 kg

Environment

Standards	EN 1088/ISO 14119 EN 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

Dimensions



Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

The screenshot shows the product page for XPSAC5121. At the top, there is a product image and the text 'XPSAC5121 module XPSAC - Emergency stop - 24 V AC DC'. Below this is a link to 'Download XPSAC5121 product datasheet'. The main content area is titled 'Download & Documents 1 to 3 of 3 (Total: -1)'. It contains three sections: 'Instruction sheet', 'Image of product', and 'Certificate'. The 'Instruction sheet' section is highlighted with a red box and contains a table with one row: 'XPSAC... Safety module for emergency stop and switch monitoring', 'English 2012-07-04', and a 'pdf (28)' download button. The 'Image of product' section contains a table with one row: 'Emergency stop and switch monitoring', '2010-11-10', and a '(Select :)' dropdown menu. The 'Certificate' section contains a table with one row: 'Russian certificate', 'English 2010-07-07', and a 'pdf (60)' download button. On the left side, there is a 'Discover XPSAC5121 by' menu with options: 'Characteristics', 'Dimensions Drawings', 'Connections and Schema', 'Technical Description', and 'Download & Documents'. The 'Download & Documents' option is highlighted with a red box. A line connects this option to a circled '1' at the bottom. Another line connects the 'Instruction sheet' section to a circled '2' at the bottom.

Discover XPSAC5121 by

- Characteristics
- Dimensions Drawings
- Connections and Schema
- Technical Description
- **Download & Documents**

Download & Documents 1 to 3 of 3 (Total: -1)

Instruction sheet

XPSAC... Safety module for emergency stop and switch monitoring	English 2012-07-04	pdf (28)
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Image of product

Emergency stop and switch monitoring	2010-11-10	(Select :)
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Certificate

Russian certificate	English 2010-07-07	pdf (60)
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1 Click on Download & Documents.

2 Click on Instruction sheet.