

XPSATR1153P

module XPSATR - Emergency stop and protective guard - 24V DC, time delay 3s



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSATR
Safety module application	For emergency stop and protective guard applications
Function of module	Protective guard monitoring Emergency stop monitoring 1-channel wiring Emergency stop monitoring 2-channel wiring
Safety level	Can reach SILCL 3 conforming to EN/IEC 62061 time delay safety outputs Can reach PL e/category 4 conforming to EN/ISO 13849-1 instantaneous safety outputs
Safety reliability data	MTTFd = 85 years conforming to EN/ISO 13849-1 PFHd = 2E-9 1/h conforming to EN/IEC 62061 DC > 99 % conforming to EN/ISO 13849-1
Type of start	Automatic Manual
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² solid or flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid or flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with bezel
Output type	Relay instantaneous opening 3 NO, volt-free Relay time delay opening 3 NO, volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	24 V DC (- 15...10 %)

Complementary

Synchronisation time between inputs	1 s
-------------------------------------	-----

Power consumption in W	2.8 W DC
Input protection type	Internal, electronic
Time delay range	0.1...3 s
Control circuit voltage	24 V DC
Breaking capacity	3 A at 24 V (DC-13) for relay output
Output thermal current	6 A for instantaneous and time delay outputs
[I _{th}] conventional free air thermal current	8 A
Associated fuse rating	6 A fuse type gG for instantaneous and 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
[U _i] rated insulation voltage	300 V
[U _{imp}] rated impulse withstand voltage	4 kV overvoltage category III conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2
Local signalling	5 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.33 kg

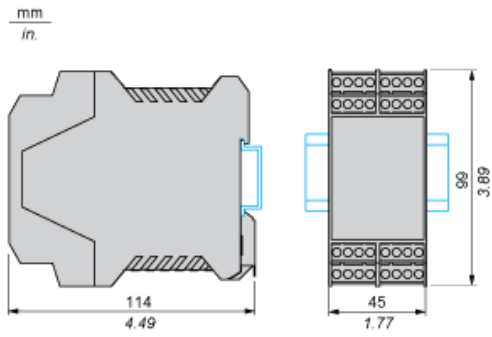
Environment

Standards	EN/IEC 60947-5-1 EN 50156-1 EN 60204-1 EN/IEC 61496-1 EN 62061 EN/ISO 13849-1
Product certifications	TÜV UL CSA
IP degree of protection	IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-25...75 °C

Contractual warranty

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

Dimensions



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](#)

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 (29)
---	--------------------	----------

Image of product

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

Certificate

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

1

2

- 1 Click on Download & Documents.
- 2 Click on Instruction sheet.