XPSAR351144P

module XPSAR - Emergency stop - 115 V AC

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSAR
Safety module application	For emergency stop, switch and safety light curtain monitoring
Function of module	Monitoring of electro-sensitive protection equipment (ESPE) Monitoring of a movable guard associated with 2 switches and automatic start Monitoring of a movable guard Emergency stop monitoring 1-channel wiring Emergency stop with 2 NC contacts monitoring 2-channel wiring Multiple emergency stop monitoring 2-channel wiring
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 = 2.22E-9 1/h conforming to EN/IEC 62061 MTTFd = 277.8 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1
Type of start	Configurable
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² flexible cable with cable end, with double bezel
Output type	Relay instantaneous opening 7 NO, volt-free
Number of additional circuits	2 NC + 4 solid state outputs
[Us] rated supply voltage	24 V DC (- 15...10 %) 115 V AC (- 15...15 %)

Complementary

Synchronisation time between inputs	100 ms
Supply frequency	50/60 Hz
Power consumption in W	<= 4 W DC
Power consumption in VA	<= 9 VA AC
Input protection type	Internal, electronic
Control circuit voltage	24 V DC
Line resistance	50 Ohm

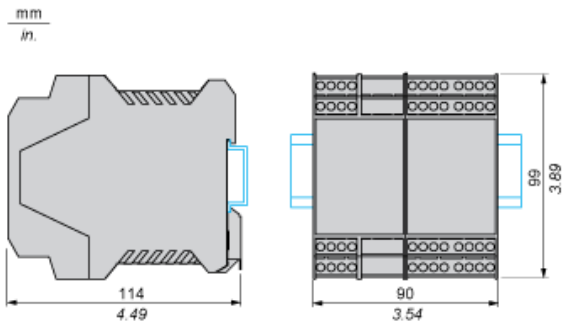|	
Breaking capacity	C300: 3600 VA, AC-15 (inrush) for relay output C300: 360 VA, AC-15 (holding) for relay output
Breaking capacity	2 A at 24 V (DC-13) time constant: 50 ms for relay output 20 mA at 24 V
Output thermal current	10 A per relay for relay output
[Ith] conventional free air thermal current	40 A
Associated fuse rating	6 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 10 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	170 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
Current consumption	30 mA at 24 V DC (on power supply)
Mounting support	35 mm symmetrical DIN rail
Product weight	0.4 kg

Environment

Standards	EN 1088/ISO 14119 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

Contractual warranty

Period	18 months

Dimensions

mm
in.

114
4.49

90
3.54

99
3.89

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)

Discover XPSAC5121 by
- Characteristics
- Dimensions Drawings
- Connections and Schema
- Technical Description
- Download & Documents

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...

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