XPSDME1132P
module XPSDM - 6 coded magnetic switch - 24 V DC

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSDME
Safety module application	Monitoring 6 coded magnetic switches
Function of module	Coded magnetic switch monitoring
Safety level	Can reach PL e/category 4 conforming to EN/ISO 13849-1 Can reach SILCL 3 conforming to EN/IEC 62061
Safety reliability data	DC > 99 % conforming to EN/ISO 13849-1 MTTFd = 82.4 years conforming to EN/ISO 13849-1 PFHd = 3.97E-9 1/h conforming to EN/IEC 62061
[Us] rated supply voltage	24 V DC (- 20...20 %)
Output type	Relay 2 NO, volt-free
Number of additional circuits	2 solid state outputs

Complementary

Synchronisation time between inputs	< 0.5 s
Power consumption	<= 3.5 W
Input protection type	Internal, electronic
Control circuit voltage	28 V DC
Line resistance	100 Ohm
Breaking capacity	C300 : holding 180 VA AC-15 for relay output C300 : inrush 1800 VA AC-15 for relay output
Breaking capacity	1.5 A / 24 V - L/R = 50 ms, DC-13 for relay output
Output thermal current	6 A per relay for relay output
[Ith] conventional free air thermal current	<= 12 A
Associated fuse rating	4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA for relay output

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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 60947-5-1 300 V, degree of pollution 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	15 LEDs
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm² solid cable without cable end 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: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, with bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm² flexible cable with cable end, with bezel
Current consumption	8 mA / 28 V DC on power supply
Mounting support	35 mm symmetrical DIN rail
Product weight	0.3 kg

Environment
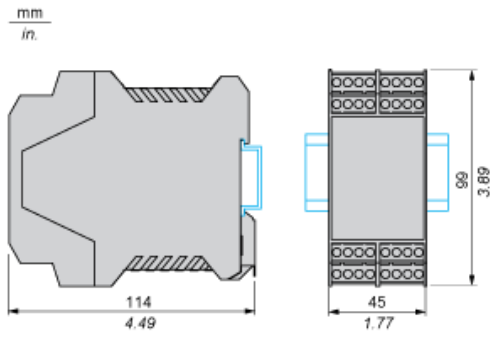
Standards	EN 1088/ISO 14119 EN/IEC 60947-5-1 EN/IEC 60204-1
Product certifications	UL TÜV CSA
IP degree of protection	IP20(Terminals) conforming to EN/IEC 60529 IP40(Enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C

Contractual warranty

Warranty period	18 months

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Dimensions

mm
in.

114
4.49

45
1.77

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)

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 ⌄

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

① ②

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