



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
Safety use category	Category 3 maximum conforming to EN 954-1/ISO 13849-1
Function of module	Emergency stop Switch monitoring
Type of start	Unmonitored
Connections - terminals	Captive screw clamp terminals, removable terminal block (1 x 0.2...1 x 2.5 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (1 x 0.2...1 x 2.5 mm ²)solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (1 x 0.25...1 x 2.5 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (2 x 0.2...2 x 1 mm ²)solid cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (2 x 0.2...2 x 1.5 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (2 x 0.25...2 x 1 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (2 x 0.25...2 x 1 mm ²)flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block (2 x 0.5...2 x 1.5 mm ²)flexible cable with cable end, with double bezel
Output type	Relay instantaneous opening 3 NO, volt-free
Number of additional circuits	1 solid state output
[Us] rated supply voltage	24 V AC (- 20...10 %) 24 V DC (- 20...20 %)
Safety level	Can reach PL e/category 4 conforming to EN 954-1/ISO 13849-1 Can reach SIL 3 conforming to EN/IEC 62061

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: 180 VA, AC-15 (holding) for relay output C300: 1800 VA, AC-15 (inrush) 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	4 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fuse type 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
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	40 mA at 24 V DC (on power supply) 90 mA at 24 V AC (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 60947-1 + A11 EN/IEC 60947-5-1 EN/ISO 13850
Product certifications	CSA TÜV UL
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