



### Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPS-AC
Safety module application	For emergency stop and switch monitoring
Safety use category	Category 3 maximum EN 954-1/ISO 13849-1
Function of module	Emergency stop Switch monitoring
Type of start	Unmonitored
Standards	EN/IEC 60947-1 + A11 EN/IEC 60947-5-1 EN/ISO 13850 EN 1088/ISO 14119 EN 60204-1
Product certifications	BG CSA UL
[Us] rated supply voltage	24 V DC - 20...20 % 24 V AC - 20...10 %
Output type	Relay instantaneous opening 3 NO volt-free
Number of additional circuits	1 solid state output
Connections - terminals	Captive screw clamp terminals 1 x 0.14...1 x 2.5 mm <sup>2</sup> solid without cable end Captive screw clamp terminals 1 x 0.14...1 x 2.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals 2 x 0.14...2 x 0.75 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals 2 x 0.14...2 x 0.75 mm <sup>2</sup> solid without cable end Captive screw clamp terminals 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible with cable end, with double bezel

### 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	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	1,5 A 24 V 50 ms DC-13 relay output
Output thermal current	6 A per relay relay output
[Ith] conventional free air thermal current	10,5 A
Associated fuse rating	4 A gG or gL relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA relay output
Minimum output voltage	16 V relay output
Response time on input open	≤ 100 ms
[Ui] rated insulation voltage	300 V 2 IEC 60647-5-1, DIN VDE 0110 part 1

[Uimp] rated impulse withstand voltage	4 kV III IEC 60647-5-1, DIN VDE 0110 part 1
Local signalling	2 LEDs
Current consumption	40 mA 24 V DC on power supply 90 mA 24 V AC on power supply
Mounting support	35 mm symmetrical DIN rail
Product weight	0,16 kg

## Environment

IP degree of protection	IP20 EN/IEC 60529 terminals IP40 EN/IEC 60529 enclosure
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C
RoHS EUR conformity date	0818
RoHS EUR status	Compliant