



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSBAE
Safety module application	For electrical monitoring of two-hand control stations
Function of module	Monitoring two-hand control station type IIIA
Safety level	Can reach PL c/category 1 conforming to EN/ISO 13849-1 Can reach SILCL 1 conforming to EN/IEC 62061
Safety reliability data	MTTFd = 55 years conforming to EN/ISO 13849-1 PFHd = 2.1E-6 1/h conforming to EN/IEC 62061
Connections - terminals	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, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel 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 Captive screw clamp terminals, 1 x 0.2...1 x 2.5 mm <sup>2</sup> stranded without cable end Captive screw clamp terminals, 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, 2 x 0.2...2 x 1.5 mm <sup>2</sup> stranded without cable end Captive screw clamp terminals, 2 x 0.2...2 x 1 mm <sup>2</sup> solid without cable end
Output type	Relay, 1 NO circuit(s), volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	115...230 V AC - 15...10 %

## Complementary

Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Power consumption in VA	3.3 VA
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input current	2.5 MA NC 25 mA NO
Input compatibility	Two-hand control conforming to EN 574
[Uc] control circuit voltage	24 V DC
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush
Breaking capacity	3 A at 24 V (DC-13) time constant: 20 ms for relay output
[Ith] conventional free air thermal current	5 A
Associated fuse rating	4 A gG for relay output conforming to EN/IEC 60947-5-1 6 A fast blow
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	20 ms

[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to IEC 60947-5-1
[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	2 LEDs
Mounting support	35 mm symmetrical DIN rail
Net weight	0.1 kg

## Environment

Standards	EN 574 type III A EN 62061 EN/IEC 60947-5-1 EN 60947-01 EN/ISO 13849-1 EN/IEC 60204-1
Product certifications	CSA[RETURN]UL[RETURN]TÜV
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.8 cm
Package 1 Width	11.2 cm
Package 1 Length	12.4 cm
Package 1 Weight	176 g
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.85 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

## Contractual warranty

Warranty	18 months
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Dimensions

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