



### 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 SILCL 1 conforming to EN/IEC 62061 Can reach PL c/category 1 conforming to EN/ISO 13849-1
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, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid cable without cable end Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 1.5 mm <sup>2</sup> flexible cable with cable end, with bezel Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1 mm <sup>2</sup> solid cable without cable end Captive screw clamp terminals, clamping capacity: 2 x 0.25...2 x 1 mm <sup>2</sup> flexible cable with cable end, without bezel Captive screw clamp terminals, clamping capacity: 2 x 0.5...2 x 1.5 mm <sup>2</sup> flexible cable with cable end, with double bezel Captive screw clamp terminals, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> stranded cable without cable end Captive screw clamp terminals, clamping capacity: 2 x 0.2...2 x 1.5 mm <sup>2</sup> stranded cable without cable end
Output type	Relay 1 NO, 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	: inrush 1800 VA C300 : holding 180 VA AC-15 for relay output
Breaking capacity	3 A / 24 V - L/R = 20 ms, DC-13 for relay output
[Ith] conventional free air thermal current	5 A
Associated fuse rating	6 A fast blow 4 A gG for relay output conforming to EN/IEC 60947-5-1
Minimum output current	10 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 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
Product weight	0.1 kg

## Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 13849-1 EN 62061 EN 574 type III A EN 60947-01
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	-25...55 °C
Ambient air temperature for storage	-25...75 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1227 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">End of Life Information</a>

## Contractual warranty

Warranty period	18 months
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Dimensions

