



## Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSBCE
Safety module application	For electrical monitoring of two-hand control stations
Function of module	Monitoring two-hand control station
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 = 37 years conforming to EN/ISO 13849-1 PFHd = 3E-8 1/h conforming to EN/IEC 62061
Connections - terminals	Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid cable without cable end Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible cable without cable end Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, without bezel Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, with bezel Spring terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1 mm <sup>2</sup> flexible cable with cable end, with double bezel
Output type	Relay 2 NO, volt-free
Number of additional circuits	1 NC
[Us] rated supply voltage	230 V AC (- 15...10 %)

## Complementary

Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Power consumption in VA	<= 4 VA
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input compatibility	Two-hand control conforming to EN 574/ISO 13851-III C
[Uc] control circuit voltage	24 V DC
Breaking capacity	B300 : inrush 3600 VA AC-15 for relay output B300 : holding 160 VA AC-15 for relay output
Breaking capacity	1.5 A - L/R = 50 ms, DC-13 for relay output
[Ith] conventional free air thermal current	<= 6 A
Associated fuse rating	6 A gG 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	17 V for relay output
Response time on input open	<= 50 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	3 LEDs
Mounting support	35 mm symmetrical DIN rail
Product weight	0.322 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

standards	EN 574 type III C/ISO 13851 EN/IEC 60204-1 EN/IEC 60947-5-1
product certifications	BG CSA 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

## Contractual warranty

Warranty period	18 months
-----------------	-----------

## Dimensions

