



## 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	24 V AC/DC (- 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	0.272 kg

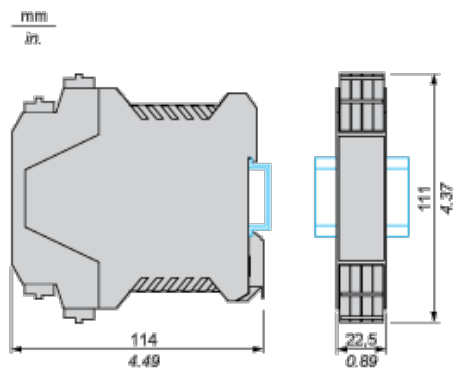
## Environment

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
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## Dimensions



## Wiring Diagrams

### Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

The screenshot shows the product page for the XPSAC5121 module. The product name is "XPSAC5121 module XPSAC - Emergency stop - 24 V AC DC". A link to "Download XPSAC5121 product datasheet" is visible. Below this, a "Download & Documents" section lists three items: "Instruction sheet" (English, 2012-07-04, pdf, 29 pages), "Image of product" (Emergency stop and switch monitoring, 2010-11-10, Select), and "Certificate" (Russian certificate, English, 2010-07-07, pdf, 60 pages). A red box highlights the "Instruction sheet" entry. A red box also highlights the "Download & Documents" menu item in the left sidebar. Circled numbers 1 and 2 indicate the steps: 1. Click on "Download & Documents". 2. Click on "Instruction sheet".

- 1 Click on **Download & Documents**.
- 2 Click on **Instruction sheet**.