

XPSBCE3110P

module XPSBCE - two-hand control - 24 V AC/DC



Main

Commercial Status	Commercialised
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 SILCL 3 conforming to EN/IEC 62061 Can reach PL e/category 4 conforming to EN/ISO 13849-1
Safety reliability data	PFHd = 3E-8 1/h conforming to EN/IEC 62061 MTTFd = 37 years conforming to EN/ISO 13849-1 DC > 99 % conforming to EN/ISO 13849-1
Connections - terminals	Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² flexible cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm ² solid cable without cable end Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm ² flexible cable with cable end, with double bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with 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

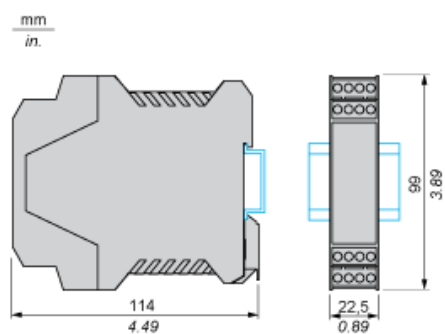
Synchronisation time between inputs	0.5 s
Supply frequency	50/60 Hz
Power consumption	<= 4 VA
Input protection type	Internal, electronic
Number of inputs	1 NC + NO
Input compatibility	Two-hand control conforming to EN 574/ISO 13851-III C
Control circuit voltage	24 V DC
Breaking capacity	B300 : holding 360 VA AC-15 for relay output B300 : inrush 3600 VA AC-15 for relay output
Breaking capacity	1.5 A / 24 V - 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 DIN VDE 0110 part 1 300 V, degree of pollution 2 conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III, conforming to DIN VDE 0110 part 1 4 kV overvoltage category III, conforming to IEC 60947-5-1
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	IP40(Enclosure) conforming to EN/IEC 60529 IP20(Terminals) conforming to EN/IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-25...75 °C

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. On the left, a sidebar titled 'Discover XPSAC5121 by' lists categories: Characteristics, Dimensions Drawings, Connections and Schema, Technical Description, and Download & Documents. The 'Download & Documents' category is highlighted with a red box and a line pointing to a circled '1'. The main content area shows the product name 'XPSAC5121 module XPSAC - Emergency stop - 24 V AC DC' and a link to 'Download XPSAC5121 product datasheet'. Below this, a 'Download & Documents 1 to 3 of 3 (Total: -1)' section is shown. It contains three sections: 'Instruction sheet' (highlighted with a red box and a line pointing to a circled '2'), 'Image of product', and 'Certificate'. The 'Instruction sheet' section lists 'XPSAC... Safety module for emergency stop and switch monitoring' in English, dated 2012-07-04, with a 'pdf (28)' download button.

Discover XPSAC5121 by

- Characteristics
- Dimensions Drawings
- Connections and Schema
- Technical Description
- **Download & Documents**

XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC
[Download XPSAC5121 product datasheet](#)

Download & Documents 1 to 3 of 3 (Total: -1)

Instruction sheet

Document	Language	Date	Format
XPSAC... Safety module for emergency stop and switch monitoring	English	2012-07-04	pdf (28)

Image of product

Image	Date	Format
Emergency stop and switch monitoring	2010-11-10	(Select :)

Certificate

Certificate	Language	Date	Format
Russian certificate	English	2010-07-07	pdf (60)

1 Click on Download & Documents.

2 Click on Instruction sheet.