

# XPSAV11113P

module XPSAV - Emergency stop - 24 V DC, time delay 0...300 s

Product availability : Stock - Normally stocked in distribution facility

Price\* : 735.00 USD



## Main

|                               |   |
|-------------------------------|---|
| Range of product              | Preventa Safety automation  |
| Product or component type     | Preventa safety module  |
| Safety module name            | XPSAV   |
| Safety module application     | For emergency stop and switch monitoring  |
| Function of module            | Monitoring of a movable guard associated with 2 switches automatic start<br>Emergency stop monitoring 1-channel wiring<br>Emergency stop monitoring 2-channel wiring<br>Emergency stop button with 1 NC contact, automatic start or unmonitored start<br>Emergency stop button with 2 NC contacts, monitored start  |
| Safety level                  | Can reach PL e/category 4 conforming to EN/ISO 13849-1<br>Can reach SILCL 3 conforming to EN/IEC 62061  |
| Safety reliability data       | DC > 99 % conforming to EN/ISO 13849-1<br>MTTFd = 75.8 years conforming to EN/ISO 13849-1<br>PFHd = 7.95E-9 1/h conforming to EN/IEC 62061  |
| Type of start                 | Configurable  |
| Connections - terminals       | Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm <sup>2</sup><br>flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup><br>flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup><br>solid cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup><br>flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm <sup>2</sup><br>solid cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1.5 mm <sup>2</sup><br>flexible cable with cable end, with double bezel<br>Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm <sup>2</sup><br>flexible cable with cable end, with double bezel |
| Output type                   | Relay instantaneous opening 3 NO, volt-free<br>Relay time delay opening 3 NO, volt-free   |
| Number of additional circuits | 3 solid state outputs   |
| [Us] rated supply voltage     | 24 V DC (- 20...20 %)   |

## Complementary

|                                     |                              |
|-------------------------------------|------------------------------|
| Synchronisation time between inputs | Unlimited for emergency stop |
|-------------------------------------|------------------------------|

|   |  |
|---|--|
|   | 1.5 s for guard  |
| Power consumption in W                      | <= 5 W DC  |
| Input protection type                       | Internal, electronic   |
| Time delay range                            | 0...300 s  |
| [Uc] control circuit voltage                | 24 V DC  |
| Line resistance                             | 100 Ohm 2000 m   |
| Breaking capacity                           | C300: 180 VA, AC-15 (holding) relay output<br>C300: 1800 VA, AC-15 (inrush) relay output   |
| Breaking capacity                           | 20 mA at 24 V<br>1.25 A at 24 V (DC-13) time constant: 50 ms for relay output  |
| Output thermal current                      | 2 A for 1 output and 4 A for the other 2 outputs instantaneous and time delay outputs<br>3.3 A for all 3 outputs instantaneous and time delay outputs<br>6 A for 1 output and 2 A for the other 2 outputs instantaneous and time delay outputs |
| [Ith] conventional free air thermal current | 20 A   |
| Associated fuse rating                      | 4 A fuse type gG or gL for instantaneous and time delay outputs conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200<br>6 A fuse type fast blow conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200   |
| Minimum output current                      | 10 mA relay output   |
| Minimum output voltage                      | 17 V relay output  |
| Response time on input open                 | <= 30 ms   |
| [Ui] rated insulation voltage               | 300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1<br>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<br>4 kV overvoltage category III conforming to DIN VDE 0110 part 1   |
| Local signalling                            | 11 LEDs  |
| Mounting support                            | 35 mm symmetrical DIN rail   |
| Product weight                              | 0.71 lb(US) (0.32 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/ISO 13850                    |
| Product certifications                | CSA<br>TÜV<br>UL   |
| IP degree of protection               | IP20 (terminals) conforming to EN/IEC 60529<br>IP40 (enclosure) conforming to EN/IEC 60529 |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C)  |
| Ambient air temperature for storage   | -13...185 °F (-25...85 °C)   |

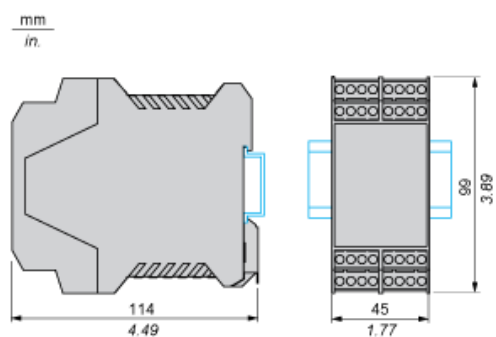
## Ordering and shipping details

|                       |                                   |
|-----------------------|-----------------------------------|
| Category              | 22477 - SAFETY MODULES (PREVENTA) |
| Discount Schedule     | SAF2                              |
| GTIN                  | 00785901343240                    |
| Nbr. of units in pkg. | 1                                 |
| Package weight(Lbs)   | 0.9500000000000007                |
| Returnability         | Y                                 |
| Country of origin     | ID                                |

## Contractual warranty

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

## Dimensions




Wiring Diagrams

Refer to the Instruction Sheet

To download the instruction sheet, follow below procedure:

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**

|   |                    |          |
|---|--------------------|----------|
| XPSAC... Safety module for emergency stop and switch monitoring | English 2012-07-04 | pdf (29) |
|---|--------------------|----------|

**Image of product**

|                                      |            |            |
|--------------------------------------|------------|------------|
| Emergency stop and switch monitoring | 2010-11-10 | (Select :) |
|--------------------------------------|------------|------------|

**Certificate**

|                     |                    |          |
|---------------------|--------------------|----------|
| Russian certificate | English 2010-07-07 | pdf (60) |
|---------------------|--------------------|----------|

1

2

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