### Characteristics

**XPSAC3421P**  
**module XPSAC - Emergency stop - 115 V AC**

**Product availability:** Stock - Normally stocked in distribution facility

**Price:** $315.00 USD

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### Main

**Range of product**  
Preventa Safety automation

**Product or component type**  
Preventa safety module

**Safety module name**  
XPSAC

**Safety module application**  
For emergency stop and switch monitoring

**Function of module**  
Emergency stop  
Switch monitoring

**Safety level**  
Can reach PL e/category 4 conforming to EN/ISO 13849-1  
Can reach SIL CL 3 conforming to EN/IEC 62061

**Safety reliability data**  
DC > 99 % conforming to EN/ISO 13849-1  
MTTFd = 210.4 years conforming to EN/ISO 13849-1  
PFHd = 3.56E-9 1/h conforming to EN/IEC 62061

**Type of start**  
Unmonitored

**Connections - terminals**

- Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1.5 mm²  
- Flexible cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm²  
- Flexible cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm²  
- Solid cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm²  
- Flexible cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm²  
- Solid cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm²  
- Flexible cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.2...2 x 1 mm²  
- Solid cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm²  
- Flexible cable with cable end, with double bezel
- Captive screw clamp terminals, removable terminal block, clamping capacity: 2 x 0.25...2 x 1 mm²  
- Solid cable with cable end, with double bezel

**Output type**  
Relay instantaneous opening 3 NO, volt-free

**Number of additional circuits**  
1 solid state output

**[Us] rated supply voltage**  
115 V AC (-15...15 %)

### Complementary

**Supply frequency**  
50/60 Hz
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption in VA</td>
<td>&lt;= 7 VA AC</td>
</tr>
<tr>
<td>Control circuit voltage</td>
<td>115 V</td>
</tr>
<tr>
<td>Breaking capacity</td>
<td>C300: 180 VA, AC-15 (holding) relay output</td>
</tr>
<tr>
<td></td>
<td>C300: 1800 VA, AC-15 (inrush) relay output</td>
</tr>
<tr>
<td>Breaking capacity</td>
<td>1.5 A at 24 V (DC-13) time constant: 50 ms for relay output</td>
</tr>
<tr>
<td>Output thermal current</td>
<td>6 A per relay relay output</td>
</tr>
<tr>
<td>[Ith] conventional free air thermal current</td>
<td>10.5 A</td>
</tr>
<tr>
<td>Associated fuse rating</td>
<td>4 A fuse type gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200</td>
</tr>
<tr>
<td></td>
<td>6 A fuse type fast blow for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200</td>
</tr>
<tr>
<td>Minimum output current</td>
<td>10 mA relay output</td>
</tr>
<tr>
<td>Minimum output voltage</td>
<td>16 V for relay output</td>
</tr>
<tr>
<td>Response time on input open</td>
<td>&lt;= 100 ms</td>
</tr>
<tr>
<td>[Ui] rated insulation voltage</td>
<td>300 V (degree of pollution: 2) conforming to DIN VDE 0110 part 1</td>
</tr>
<tr>
<td></td>
<td>300 V (degree of pollution: 2) conforming to IEC 60947-5-1</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>4 kV overvoltage category III conforming to IEC 60947-5-1</td>
</tr>
<tr>
<td></td>
<td>4 kV overvoltage category III conforming to DIN VDE 0110 part 1</td>
</tr>
<tr>
<td>Local signalling</td>
<td>2 LEDs</td>
</tr>
<tr>
<td>Current consumption</td>
<td>60 mA at 115 V AC (on power supply)</td>
</tr>
<tr>
<td>Mounting support</td>
<td>35 mm symmetrical DIN rail</td>
</tr>
<tr>
<td>Product weight</td>
<td>0.46 lb(US) (0.21 kg)</td>
</tr>
</tbody>
</table>

**Environment**

- **Standards**
  - EN 1088/ISO 14119
  - EN 60204-1
  - EN/IEC 60947-5-1
  - EN/ISO 13850

- **Product certifications**
  - CSA
  - TUV
  - UL

- **IP degree of protection**
  - IP20 (terminals) conforming to EN/IEC 60529
  - 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**
  - 00785901297536

- **Nbr. of units in pkg.**
  - 1

- **Package weight (Lbs)**
  - 0.5400000000000004

- **Returnability**
  - Y

- **Country of origin**
  - ID

**Contractual warranty**

- **Warranty period**
  - 18 months