

Product data sheet

Specifications



module XPSAC - Emergency stop - 24 V AC DC

XPSAC5121

⚠ Discontinued on: Dec 28, 2023

⚠ To be end-of-service on: Dec 31, 2025

⚠ Discontinued - Service only

Main

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|-------------------------------|--|
| 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 SILCL 3 conforming to EN/IEC 62061 |
| Safety Reliability Data | MTTFd = 210.4 years conforming to EN/ISO 13849-1 DC > 99 % 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, 1 x 0.14...1 x 2.5 mm ² flexible without cable end Captive screw clamp terminals, 1 x 0.14...1 x 2.5 mm ² solid without cable end Captive screw clamp terminals, 1 x 0.25...1 x 1.5 mm ² flexible with cable end, with bezel Captive screw clamp terminals, 1 x 0.25...1 x 2.5 mm ² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² flexible without cable end Captive screw clamp terminals, 2 x 0.14...2 x 0.75 mm ² solid without cable end Captive screw clamp terminals, 2 x 0.25...2 x 1 mm ² flexible with cable end, without bezel Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm ² flexible with cable end, with double bezel |
| Output Type | Relay instantaneous opening, 3 NO circuit(s), volt-free |
| Number Of Additional Circuits | 1 solid state output |
| [Us] Rated Supply Voltage | 24 V AC - 20...10 % 24 V DC - 20...20 % |

Complementary

| | |
|---------------------------------|--|
| Supply Frequency | 50/60 Hz |
| Maximum Power Consumption In W | 1.2 W DC |
| Maximum Power Consumption In Va | 2.5 VA AC |
| [Uc] Control Circuit Voltage | 24 V |
| Breaking Capacity | 180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output |
| Breaking Capacity | 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output |
| Output Thermal Current | 6 A per relay for relay output |

Disclaimer: 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

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|---|---|
| [Ith] Conventional Free Air Thermal Current | 10.5 A |
| Associated Fuse Rating | 4 A gG or gL for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200 6 A fast blow 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 | 16 V for relay output |
| Maximum Response Time On Input Open | 100 ms |
| [Ui] Rated Insulation Voltage | 300 V (pollution degree 2) conforming to IEC 60947-5-1 300 V (pollution degree 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 | 2 LEDs |
| Current Consumption | 40 mA at 24 V DC on power supply 90 mA at 24 V AC on power supply |
| Mounting Support | 35 mm symmetrical DIN rail |
| Net Weight | 0.16 kg |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 60947-5-1 EN/ISO 13850 EN 60204-1 EN 1088/ISO 14119 |
| Product Certifications | UL CSA TÜV |
| Ip Degree Of Protection | IP20 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529 |
| Ambient Air Temperature For Operation | -10...55 °C |
| Ambient Air Temperature For Storage | -25...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 3.000 cm |
| Package 1 Width | 10.400 cm |
| Package 1 Length | 12.000 cm |
| Package 1 Weight | 196.000 g |
| Unit Type Of Package 2 | S01 |
| Number Of Units In Package 2 | 16 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 15.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 3.478 kg |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 512 |

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|------------------|------------|
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 115.540 kg |

Contractual warranty

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| Warranty | 18 months |
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

Certifications & Standards

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|---------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |