# Product data sheet

Specifications

Green Premium™

## module XPSABV - stop and switch monitoring - 24 V AC/DC

XPSABV1133C

⊘ Discontinued on: Dec 31, 2022

⊘ To be end-of-service on: Dec 31, 2024

⊘ **Discontinued**

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range of Product** | Preventa Safety automation |
| **Product or Component Type** | Preventa safety module |
| **safety module name** | XPSABV |
| **safety module application** | For emergency stop and switch monitoring |
| **Safety level** | Can reach PL d/category 3 time delay safety outputs EN/ISO 13849-1<br>Can reach PL e/category 4 instantaneous safety outputs EN/ISO 13849-1<br>Can reach SILCL 3 instantaneous safety outputs EN/IEC 62061<br>Can reach SILCL 2 time delay safety outputs EN/IEC 62061 |
| **Safety reliability data** | MTTFd = 53 years instantaneous safety outputs EN/ISO 13849-1<br>MTTFd = 53 years time delay safety outputs EN/ISO 13849-1<br>DC > 99 % instantaneous safety outputs EN/ISO 13849-1<br>DC = 60...90 % time delay safety outputs EN/ISO 13849-1<br>PFHd = 3E-8 1/h instantaneous safety outputs EN/IEC 62061<br>PFHd = 2E-7 1/h time delay safety outputs EN/IEC 62061 |
| **Connections - terminals** | Spring terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid without cable end<br>Spring terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² flexible without cable end<br>Spring terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, without bezel<br>Spring terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, with bezel<br>Spring terminals, removable terminal block, 2 x 0.5...2 x 1 mm² flexible with cable end, with double bezel<br>Spring terminals, removable terminal block |
| **Output type** | Relay instantaneous opening, 2 NO, volt-free<br>Relay time delay opening, 1 NO, volt-free |
| **Number of additional circuits** | 0 |
| **[Us] Rated Supply Voltage** | 24 V DC - 15...10 % |

## Complementary

| | |
|---|---|
| **Synchronisation time between inputs** | < 0.5 s |
| **Maximum power consumption in W** | 3 W |
| **Input protection type** | Internal, electronic |
| **time delay range** | 0.15...3 s<br>1.5...30 s |
| **[Uc] control circuit voltage** | 24 V DC |
| **Breaking capacity** | 3600 VA inrush AC-15 B300<br>360 VA holding AC-15 B300 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|---|---|
| **Breaking capacity** | 1.5 A 24 V DC-13)50 ms relay output |
| **Output thermal current** | 6 A instantaneous and time delay outputs |
| **[Ith] conventional free air thermal current** | 12 A |
| **Associated fuse rating** | 6 A gG instantaneous and time delay outputs |
| **Minimum output current** | 10 mA relay output |
| **Minimum output voltage** | 17 V relay output |
| **Maximum response time on input open** | 200 ms |
| **[Ui] rated insulation voltage** | 300 V 2)IEC 60947-5-1<br>300 V 2)DIN VDE 0110 part 1 |
| **[Uimp] rated impulse withstand voltage** | 4 kV III IEC 60947-5-1<br>4 kV III DIN VDE 0110 part 1 |
| **Local signalling** | 3 LEDs |
| **Mounting Support** | 35 mm symmetrical DIN rail |
| **Net Weight** | 0.606 lb(US) (0.275 kg) |

## Environment

| | |
|---|---|
| **Standards** | EN/IEC 60947-5-1<br>EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/ISO 13850 |
| **Product Certifications** | UL<br>BG<br>CSA |
| **IP degree of protection** | IP20EN/IEC 60529<br>IP40EN/IEC 60529 |
| **Ambient Air Temperature for Operation** | -13…131 °F (-25…55 °C) |
| **Ambient Air Temperature for Storage** | -13…167 °F (-25…75 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1SAF222477 |
| **Discount Schedule** | SAF2 |
| **GTIN** | 3389118376090 |
| **Returnability** | No |
| **Country of origin** | DE |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 1.5 in (3.8 cm) |
| **Package 1 Width** | 4.7 in (12.0 cm) |
| **Package 1 Length** | 4.4 in (11.2 cm) |
| **Package 1 Weight** | 8.7 oz (248.0 g) |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 20 |
| **Package 2 Height** | 5.9 in (15.0 cm) |

| | |
|---|---|
| **Package 2 Width** | 11.8 in (30.0 cm) |
| **Package 2 Length** | 15.7 in (40.0 cm) |
| **Package 2 Weight** | 11.645 lb(US) (5.282 kg) |

# Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency    RoHS/REACh

## Well-being performance

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information         Yes

✓ Pvc Free

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| | EU RoHS Declaration |
| **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" |

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Dimensions Drawings

**Dimensions**

mm / in.

114
4.49

22.5
0.89

111
4.37