

# Product data sheet

Specifications



## Preventa XY2 AU, Enabling switch, 2 NO + 1 NC,double insulated

XY2AU1

⚠ Discontinued on: Oct 31, 2024

⚠ Discontinued

### Main

|                           |                  |
|---------------------------|------------------|
| Range of product          | Preventa XY2     |
| Product or component type | Enabling switch  |
| Component name            | XY2AU            |
| enclosure type            | Double insulated |

### Complementary

|                                              |                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts type and composition                | 2 NO + 1 NC                                                                                                                                                                                                                                                                                                        |
| Operator position information                | 3 positions                                                                                                                                                                                                                                                                                                        |
| Enclosure material                           | PA66                                                                                                                                                                                                                                                                                                               |
| Connections - terminals                      | Terminal block, 1 x 0.34...1 x 1.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                 |
| Mechanical durability                        | 1000000 cycles                                                                                                                                                                                                                                                                                                     |
| Cable entry                                  | 1 entry 7...13 mm                                                                                                                                                                                                                                                                                                  |
| Contact code designation                     | C300 AC-15, Ue = 125 V, Ie = 0.75 A conforming to IEC 60947-5-1 appendix A<br>C300 AC-15, Ue = 250 V, Ie = 1.5 A conforming to IEC 60947-5-1 appendix A<br>R300 DC-13, Ue = 125 V, Ie = 0.22 A conforming to IEC 60947-5-1 appendix A<br>R300 DC-13, Ue = 250 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 5 A                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage                | 250 V inside (pollution degree 2) conforming to IEC 60947-1<br>250 V outside (pollution degree 3) conforming to IEC 60947-1                                                                                                                                                                                        |
| [Uimp] rated impulse withstand voltage       | 2.5 kV conforming to EN 60947-1                                                                                                                                                                                                                                                                                    |
| Positive opening                             | With conforming to IEC 60947-5-1 appendix K                                                                                                                                                                                                                                                                        |
| Contact operation                            | Slow-break                                                                                                                                                                                                                                                                                                         |
| Operating force                              | 12 N<br>50 N                                                                                                                                                                                                                                                                                                       |
| Short-circuit protection                     | 4 A fuse protection by cartridge fuse type gG                                                                                                                                                                                                                                                                      |
| Product weight                               | 0.31 kg                                                                                                                                                                                                                                                                                                            |

### Environment

|                                       |                                                                    |
|---------------------------------------|--------------------------------------------------------------------|
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>CULus 508<br>EN/IEC 60947-1 |
| Protective treatment                  | TC                                                                 |
| Ambient air temperature for operation | -10...60 °C                                                        |

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

|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Ambient air temperature for storage | -40...70 °C                                     |
| Vibration resistance                | 6 gn (f= 5...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                    | 10 gn for 11 ms conforming to IEC 60068-2-27    |
| Electrical shock protection class   | Class II conforming to EN/IEC 61140             |
| IP degree of protection             | IP66 conforming to IEC 60529                    |
| IK degree of protection             | IK06 conforming to EN 50102                     |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 6.5 cm  |
| Package 1 Width              | 11.5 cm |
| Package 1 Length             | 22 cm   |
| Package 1 Weight             | 282 g   |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                                                                                                                                     |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                                                                                                     |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                                                                                              |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Use Longer

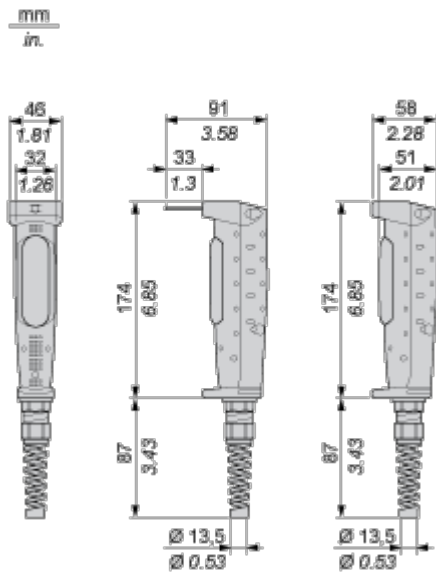
| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Take-back                | No                                                                                                                          |
| WEEE Label               | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

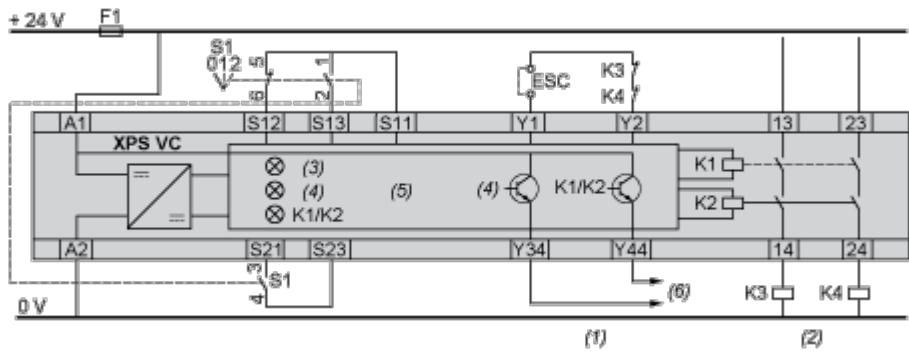
Dimensions



Connections and Schema

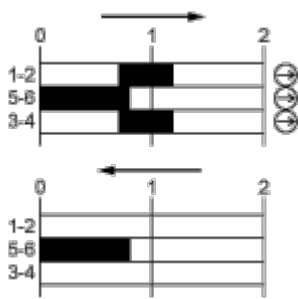
Wiring Diagram Example

With XPSVC Safety Module



ESC external start conditions

- (1) 2 solid state outputs
- (2) 2 safety outputs
- (3) supply A1/A2
- (4) fault
- (5) logic
- (6) to PLC



- contact closed
- contact open
- N/C contact with positive opening operation