

# Product data sheet

Specifications



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

XY2AU1

❗ Discontinued on: 01 October 2021

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### 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, U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.75 A conforming to IEC 60947-5-1 appendix A C300 AC-15, U <sub>e</sub> = 250 V, I <sub>e</sub> = 1.5 A conforming to IEC 60947-5-1 appendix A R300 DC-13, U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.22 A conforming to IEC 60947-5-1 appendix A R300 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A conforming to IEC 60947-5-1 appendix A
[I <sub>th</sub> ] conventional enclosed thermal current	5 A
[U <sub>i</sub> ] rated insulation voltage	250 V inside (pollution degree 2) conforming to IEC 60947-1 250 V outside (pollution degree 3) conforming to IEC 60947-1
[U <sub>imp</sub> ] 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 50 N
Short-circuit protection	4 A fuse protection by cartridge fuse type gG
Net weight	0.31 kg

### Environment

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

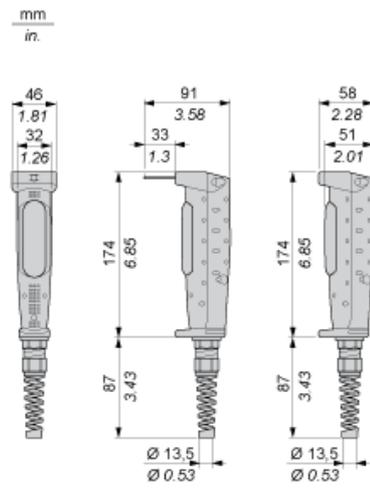
## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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>

## Contractual warranty

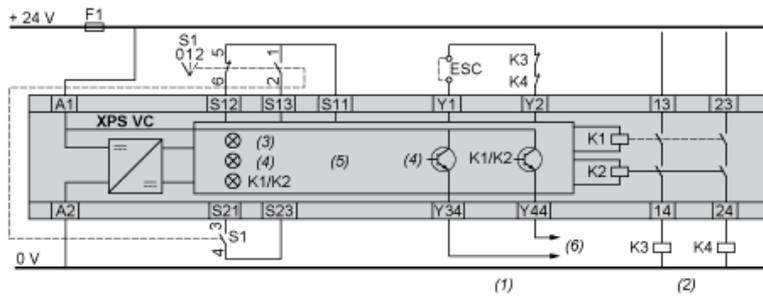
Warranty	18 months
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Dimensions

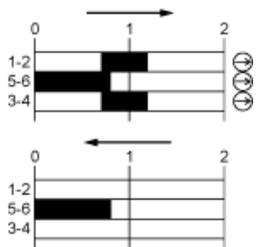


Wiring Diagram Example

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 to PLC
- (6) to PLC



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

Recommended replacement(s)