

### Main

|                           |                      |
|---------------------------|----------------------|
| Range of product          | Easy Harmony XA2     |
| Product or component type | Complete push-button |
| Device short name         | XA2                  |
| Bezel material            | Plastic              |
| Fixing collar material    | Plastic              |

### Complementary

|  |   |
|--|---|
| Mounting diameter                      | 22 mm   |
| Sale per indivisible quantity          | 1   |
| Protective treatment                   | TC  |
| Operating position                     | Any position  |
| Fixing center                          | >= 30 x 40 mm (panel) - thickness: 1...5 mm   |
| Fixing mode                            | Fixing nut: 2...2.4 N.m   |
| Shape of signaling unit head           | Round   |
| Type of operator                       | spring return   |
| Operator profile                       | Green flush   |
| Contacts type and composition          | 1 NO  |
| Contact operation                      | Slow-break  |
| Mechanical durability                  | 1500000 cycles  |
| Tightening torque                      | 0.8 N.m   |
| Short-circuit protection               | 10 A gL fuse conforming to IEC 60269-1  |
| [Ui] rated insulation voltage          | 600 V conforming to IEC 60947-1   |
| [Uimp] rated impulse withstand voltage | IEC 60947-1 6 kV  |
| [Ie] rated operational current         | 3 A at 240 V, AC-15, A600<br>0.27 A at 250 V, DC-13, Q600   |
| Electrical durability                  | 500000 cycles, AC-15, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to EN/ IEC 60947-5-4 |

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

500000 cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5

|                        |                                |
|------------------------|--------------------------------|
| Electrical reliability | $\Lambda < 10\exp(-8)$ at 24 V |
| Width                  | 30 mm                          |
| Height                 | 42 mm                          |
| Depth                  | 54.7 mm                        |
| Net weight             | 0.032 kg                       |

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -25...55 °C   |
| Overvoltage category                  | Class I conforming to IEC 536   |
| IP degree of protection               | IP65 conforming to IEC 60529  |
| IK degree of protection               | IK03 conforming to IEC 60529  |
| Standards                             | IEC 60947-5-1<br>GB 14048.1<br>GB 14048.5<br>IEC 60947-1                              |
| Product certifications                | CCC<br>CE   |
| Vibration resistance                  | 10 gn (f= 40...500 Hz) conforming to IEC 60068-2-6                                    |
| Shock resistance                      | 70 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

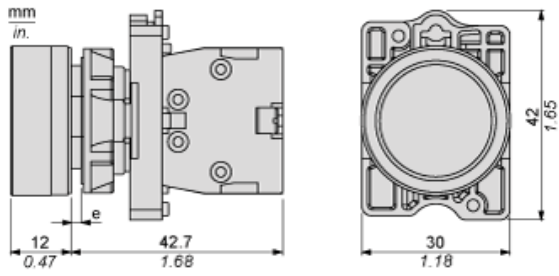
## Packing Units

|                  |            |
|------------------|------------|
| Package 1 Weight | 43.000 g   |
| Package 1 Height | 40.000 mm  |
| Package 1 width  | 110.000 mm |
| Package 1 Length | 160.000 mm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions



(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3 \text{ }_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88 \text{ in. }_0^{+0.016}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|---|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |
| On printed circuit board                      | 30      | 1.18     | 30      | 1.18     |

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3 \text{ }_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88 \text{ in. }_0^{+0.016}$ )