



## 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                       | Red flush                                                 |
| Contacts type and composition          | 1 NC                                                      |
| Contact operation                      | Slow-break                                                |
| Positive opening                       | With NC contact conforming to IEC 60947-5-1 appendix K    |
| 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 | 6 kV IEC 60947-1                                          |
| [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<br>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                                                                                                                                                                                            |

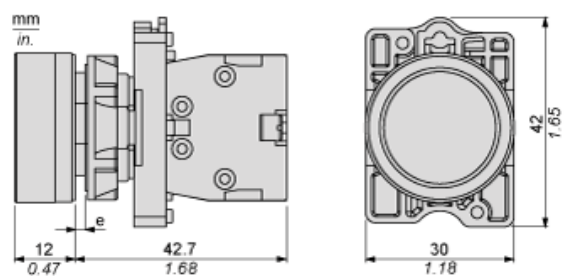
## Environment

|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| 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 14048.5<br>IEC 60947-1<br>GB 14048.1                              |
| 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 |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| 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

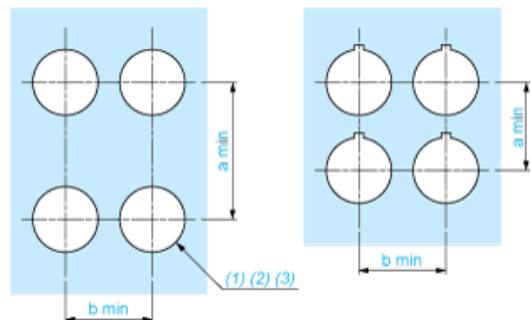


(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Submitted by TECO Group

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

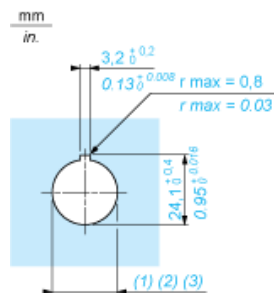
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

| 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) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )