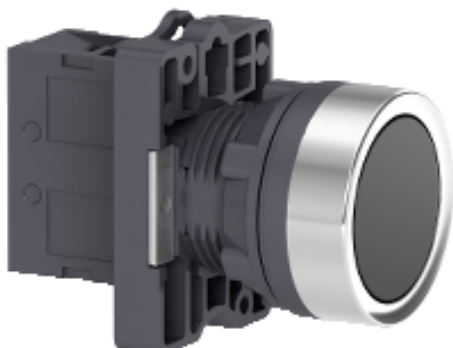




## Main

|                           |                      |
|---------------------------|----------------------|
| 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                               | $\geq 30 \times 40$ 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                            | Black flush                                                                                                                                                                                                                      |
| Contacts type and composition               | 1 NO                                                                                                                                                                                                                             |
| Contact operation                           | Slow-break                                                                                                                                                                                                                       |
| Mechanical durability                       | 1500000 Cycles                                                                                                                                                                                                                   |
| Connections - terminals                     | Screw clamp terminal, $\leq 2 \times 1.5$ mm <sup>2</sup><br>Screw clamp terminal, $\leq 1 \times 2.5$ mm <sup>2</sup><br>Screw clamp terminal, $\geq 1 \times 0.5$ mm <sup>2</sup><br>Faston terminals, connection size: 6.3 mm |
| Tightening torque                           | 0.8 N.M                                                                                                                                                                                                                          |
| Short-circuit protection                    | 10 A gL fuse conforming to IEC 60269-1                                                                                                                                                                                           |
| [Ith] conventional free air thermal current | 10 A                                                                                                                                                                                                                             |
| [Ui] rated insulation voltage               | 600 V conforming to IEC 60947-1                                                                                                                                                                                                  |
| [Uimp] rated impulse withstand voltage      | 6 KV conforming to 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>GB 14048.1<br>IEC 60947-1                                  |
| Product certifications                | CE<br>CCC                                                                                 |
| 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-<br>to IEC 60068-2-27 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 0.03 Kg  |
| Package 1 Height             | 14.83 Mm |
| Package 1 width              | 39.81 Mm |
| Package 1 Length             | 61.17 Mm |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 100      |
| Package 2 Weight             | 3.661 Kg |
| Package 2 Height             | 15 Cm    |
| Package 2 width              | 30 Cm    |
| Package 2 Length             | 40 Cm    |
| Unit Type of Package 3       | PAL      |
| Number of Units in Package 3 | 2000     |
| Package 3 Weight             | 69820 G  |
| Package 3 Height             | 600 Mm   |
| Package 3 width              | 800 Mm   |
| Package 3 Length             | 900 Mm   |

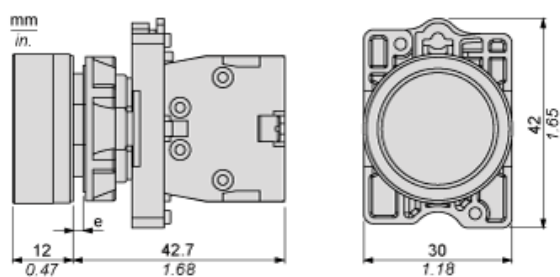
## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <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 |

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Dimensions

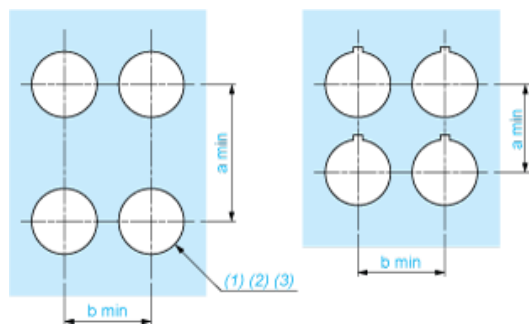
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(e) Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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

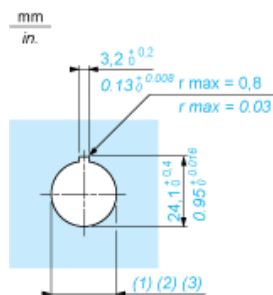
### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 ( $\varnothing 0.88 \text{ in. }_0^{+0.016}$ )

Product Life Status : **Commercialised**