

Main

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|---------------------------|----------------------|
| 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 | Blue 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 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 60947-1 GB 14048.1 IEC 60947-5-1 GB 14048.5 |
| Product certifications | CE 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 to IEC 60068-2-27 |

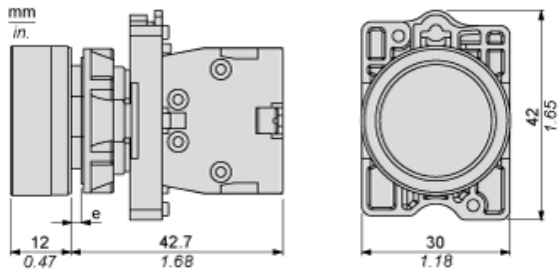
Packing Units

| | |
|------------------|------------|
| 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 Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| 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 ($\varnothing 0.88 \text{ in. }_0^{+0.016}$)