

Product datasheet

Specifications



round pilot light Ø 22 - blue - integral LED - 24 V AC/DC- screw clamp terminals

XA2EVB6LC

Main

| | |
|------------------------------|------------------------|
| Range of product | Easy Harmony XA2 |
| Product or component type | Monolithic pilot light |
| Device short name | XA2 |
| Mounting diameter | 22 mm |
| Shape of signaling unit head | Round |
| Cap/Operator or lens colour | Blue |
| Light source | LED |
| Bulb base | Integral LED |
| [Us] rated supply voltage | 24 V AC/DC 50/60 Hz |

Complementary

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| Terminals description ISO n°1 | (X1-X2)PL |
| Device mounting | Fixing hole 22.3 +0.4/0 conforming to EN/IEC 60947-5-1 |
| Fixing center | >= 30 x 40 mm (support panel) metal - thickness: 1...6 mm >= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm |
| Fixing mode | Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m) |
| Marking | CE CCC |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.5...1 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1 |
| Tightening torque | 0.8...1 N.m conforming to EN 60947-1 |
| Shape of screw head | Cross compatible with Philips No 2 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage | 400 V (pollution degree 3) conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1 |
| Signalling type | Steady |
| Supply voltage limits | 0.8...1.2 V AC/DC |
| Current consumption | <= 20 mA |
| Service life | 40000 h at rated voltage and 25 °C |
| Height | 29 mm |

| | |
|------------|---------|
| Width | 29 mm |
| Depth | 53 mm |
| Net weight | 0.02 kg |

Environment

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|---------------------------------------|---|
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -25...70 °C |
| Overvoltage category | Class I conforming to IEC 536 |
| Standards | GB 14048.1 IEC 60947-1 GB 14048.5 IEC 60947-5-1 IEC 60529 IEC 50102 |
| Product certifications | CE CCC |
| Vibration resistance | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

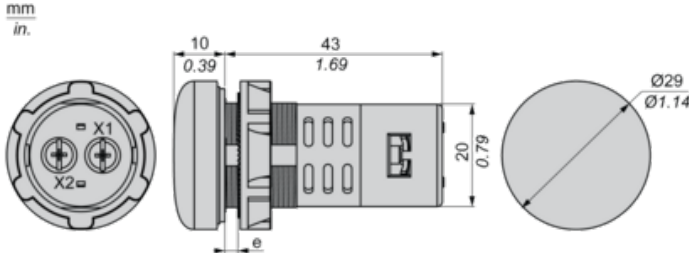
| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.3 cm |
| Package 1 Width | 2.9 cm |
| Package 1 Length | 2.9 cm |
| Package 1 Weight | 21.0 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 5.8 cm |
| Package 2 Width | 6.4 cm |
| Package 2 Length | 15.8 cm |
| Package 2 Weight | 0.3 kg |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 160 |
| Package 3 Height | 15.0 cm |
| Package 3 Width | 30.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 5.8 kg |

Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |

| | |
|-----------------------------------|---|
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| 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 |

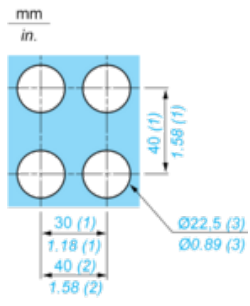
Dimensions



e : Calmping thickness: 1 to 6 mm/0.04 to 0.24 in.

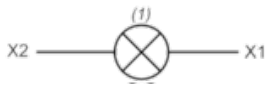
Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: $\text{Ø} 22.3$ (0; + 0.4) mm/ $\text{Ø} 0.88$ (0; + 0.02) in.

Wiring Diagram



(1) LED

Recommended replacement(s)