# Product datasheet

Specifications



## Harmony XA2E, Monolithic pilot light, plastic, amber, Ø22, integral LED, screw clamp terminals, 380… 400 V AC, anti interference

XA2EVQ5LC

## Main

| | |
|---|---|
| **Range of product** | Harmony XA2 |
| **Product or component type** | Monolithic pilot light |
| **Device short name** | XA2 |
| **Mounting diameter** | 22.5 mm |
| **Shape of signaling unit head** | Round |
| **Cap/operator or lens colour** | Amber |
| **Light source** | COB clustered LED |
| **Bulb base** | No bulb |
| **[Us] rated supply voltage** | 380...400 V AC 50/60 Hz |

## Complementary

| | |
|---|---|
| **Terminals description ISO n°1** | (X1-X2)PL |
| **Device mounting** | Fixing hole - diameter: 22.5 mm +/- 0.2 conforming to IEC 60947-5-1 |
| **Fixing center** | >= 30 x 40 mm (support panel) metal - thickness: 1…6 mm<br>>= 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<br>CCC |
| **[Us] rated supply voltage** | 380...400 V |
| **Connections - terminals** | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1<br>Screw clamp terminals, 1 x 0.5...1 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| **Tightening torque** | 0.8…1 N.m conforming to IEC 60947-1 |
| **Shape of screw head** | Cross compatible with Philips No 2 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| **[Ui] rated insulation voltage** | 400 V (pollution degree 3) conforming to IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 6 kV conforming to IEC 60947-1 |
| **Signalling type** | Steady |
| **Supply voltage limits** | 0.8…1.2 V AC |
| **Current consumption** | <= 20 mA |
| **Service life** | 40000 h at rated voltage and 25 °C |
| **Height** | 29 mm |
| **Width** | 29 mm |

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

| | |
|---|---|
| **Depth** | 53 mm |
| **Net weight** | 0.02 kg |

## Environment

| | |
|---|---|
| **Ambient air temperature for storage** | -40…70 °C |
| **Ambient air temperature for operation** | -25…70 °C |
| **Overvoltage category** | Class I conforming to IEC 61140 |
| **IP degree of protection** | IP65 conforming to IEC 60529 |
| **IK degree of protection** | IK05 |
| **Standards** | IEC 60947-5-1<br>IEC 60947-1<br>GB 14048.5<br>GB 14048.1<br>IEC 60529<br>IEC 50102 |
| **Product certifications** | CCC<br>CE |
| **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** | 3.000 cm |
| **Package 1 Width** | 3.000 cm |
| **Package 1 Length** | 5.200 cm |
| **Package 1 Weight** | 21.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 6.500 cm |
| **Package 2 Width** | 6.500 cm |
| **Package 2 Length** | 15.800 cm |
| **Package 2 Weight** | 240.000 g |
| **Unit Type of Package 3** | S02 |
| **Number of Units in Package 3** | 160 |
| **Package 3 Height** | 15 cm |
| **Package 3 Width** | 30 cm |
| **Package 3 Length** | 40 cm |
| **Package 3 Weight** | 4.100 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **7 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.7 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **6 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | Compliant |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |

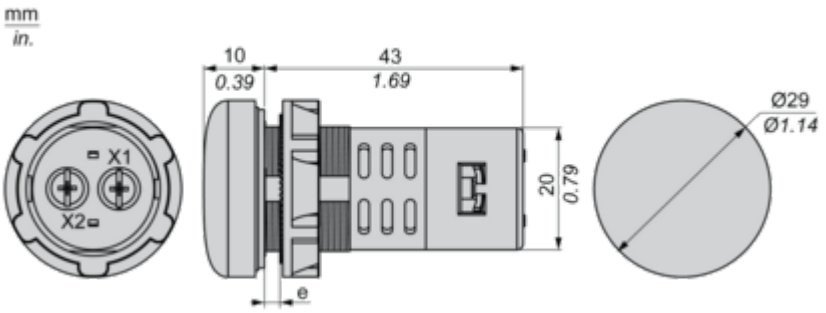
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **20** |
| End of life manual availability | End of Life Information |
| Take-back | **No** |

Dimensions Drawings

**Dimensions**

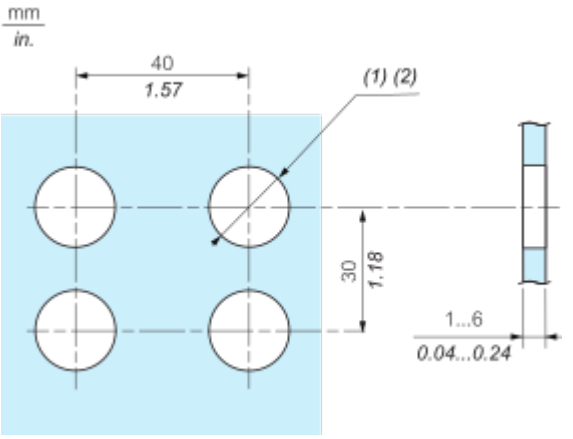



**e :** Clamping thickness: 1 to 6 mm/0.04 to 0.24 in.

## Mounting and Clearance

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

### Connection by Screw Clamp Terminals

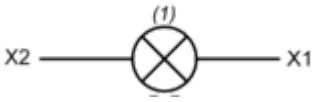



**(1)** Diameter on finished panel or support

**(2)** Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)

## Connections and Schema

### Wiring Diagram

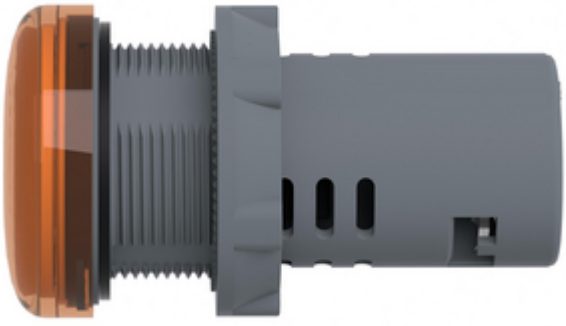



**(1)** COB clustered LED

Image of product / Alternate images

**Alternative**







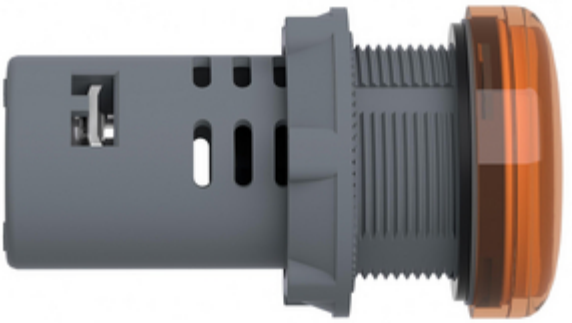




Image of product in real life situation

