Product datasheet

Specifications



Monolithic pilot light, Harmony XA2, plastic, white, 22mm, integral LED, screw clamp terminals, 220…230V AC, anti interference

XA2EVM1LC

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	White
Light source	COB clustered LED
Bulb base	No bulb
[Us] rated supply voltage	220...230 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 >= 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	CCC CE
[Us] rated supply voltage	220...230 V
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.5...1 x 2.5 mm² without cable end conforming to IEC 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 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
Depth	53 mm

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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	GB 14048.5 IEC 60947-5-1 IEC 60947-1 GB 14048.1 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	5.300 cm
Package 1 Width	2.900 cm
Package 1 Length	2.900 cm
Package 1 Weight	21.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	8.000 cm
Package 2 Width	22.000 cm
Package 2 Length	29.500 cm
Package 2 Weight	216.000 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	5.800 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	**335 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.8 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]	**334 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**

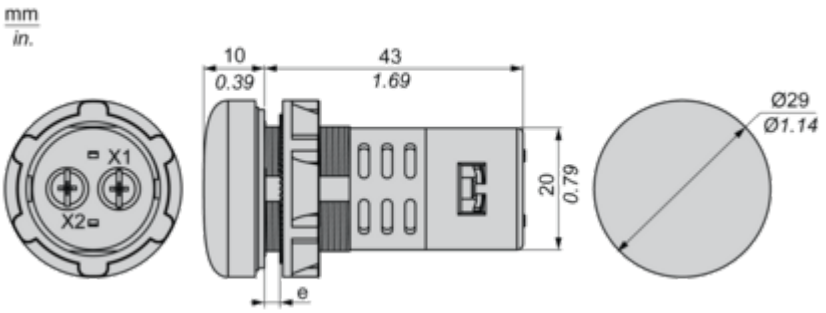
Use Again

Repack and remanufacture

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

Dimensions Drawings

Dimensions

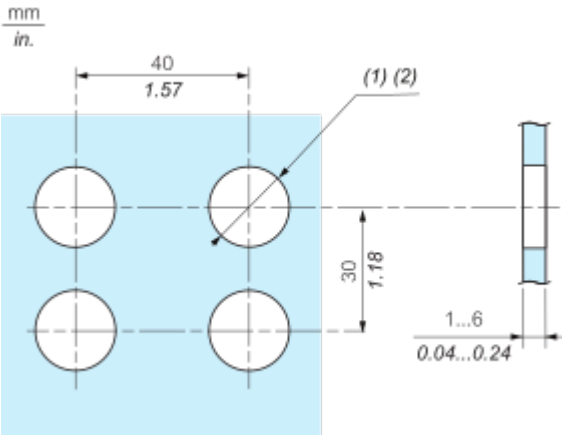


e : Clamping thickness: 1 to 6 mm/0.04 to 0.24 in.

Mounting and Clearance

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

Connection by Screw Clamp Terminals

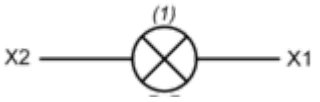


(1) Diameter on finished panel or support

(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

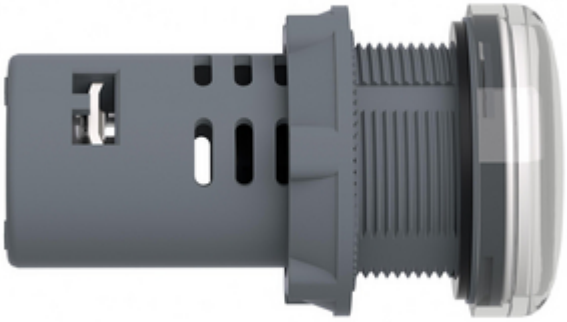


(1) COB clustered LED

Image of product / Alternate images

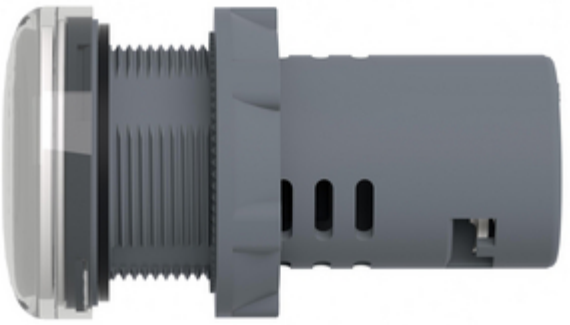
Alternative












X1
X2

Image of product in real life situation

