Product data sheet
Characteristics

XA2EVJ3LC
Monolithic pilot light, Harmony XA2, plastic, green, 22mm, COB LED, screw clamp terminals, 12V AC DC



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	Green
Light source	COB clustered LED
Bulb base	No bulb
[Us] rated supply voltage	12 V AC/DC 50/60 Hz
Device presentation	Complete product

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	12 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
Tightening torque	0.8…1 N.M 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/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

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 14048.1 GB 14048.5 IEC 60947-1 IEC 60947-5-1 IEC 60529 IEC 50102
Product certifications	CE[RETURN]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	5.5 Cm
Package 1 Width	2.9 Cm
Package 1 Length	2.9 Cm
Package 1 Weight	25 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	300 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	5.8 Kg

Offer Sustainability

Recyclability potential, in %	20
Total lifecycle Carbon footprint	14 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.8349565217391304
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0032691304347826087
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.006050760869565217
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13.03026086956522
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	13 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.04705978260869565
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	14

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised