Product data sheet
Characteristics

XB2BVE1LC
Monolithic pilot light, Harmony XB2, plastic, white, 22mm, integral LED, 48V AC/DC



Main

Range of product	Harmony XB2
Product or component type	Pilot light
Device short name	XB2
Bezel material	Plastic
Mounting diameter	22.5 Mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/operator or lens colour	White
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	48 V AC/DC 50/60 Hz +/- 10 %
Device presentation	Complete product

Complementary

Terminals description ISO n°1	(X1-X2)PL
Operating position	Any position
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to IEC 60947-5-1
Fixing center	>= 30 x 30 mm (support panel) metal - thickness: 1…6 mm >= 30 x 30 mm (support panel) plastic - thickness: 1…6 mm
Fixing mode	Fixing nut recommended torque: 2.2 N.m (+/- 0.2)
Marking	CCC CE
Product compatibility	XB2.
[Us] rated supply voltage	48 V
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm² with and without cable ends Faston terminals, connection size: 6.3 mm
Tightening torque	0.8…1.0 N.M conforming to IEC 60947-1
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 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…1.1 V AC/DC
Current consumption	<= 20 mA
Service life	50000 H at rated voltage and 25 °C

Surge withstand	1 KV line to line conforming to IEC 61000-4-5 2 KV line to earth conforming to IEC 61000-4-5
Resistance to electromagnetic fields	10 V/M conforming to IEC 61000-4-3
Resistance to electrostatic discharge	4 KV on contact (on metal parts) conforming to IEC 61000-4-2 8 KV in free air (in insulating parts) conforming to IEC 61000-4-2
Height	30 Mm
Width	30 Mm
Depth	57.2 Mm
Net weight	0.02 Kg
Service life in hours	50000 H
Customizable	No

Environment

Protective treatment	TC/TH
Ambient air temperature for storage	-40…80 °C
Ambient air temperature for operation	-25…70 °C
Overvoltage category	Class I conforming to IEC 60356
Standards	IEC 60947-5-1 IEC 60947-1 GB/T 14048.1 GB/T 14048.5
Product certifications	CCC[RETURN]CE
IP degree of protection	IP65
IK degree of protection	IK06
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Resistance to fast transients	2 KV conforming to IEC 61000-4-4
Electromagnetic emission	Class B conforming to IEC 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 Cm
Package 1 Width	3.0 Cm
Package 1 Length	5.8 Cm
Package 1 Weight	15.5 G
Unit Type of Package 2	CAR
Number of Units in Package 2	100
Package 2 Height	30.0 Cm
Package 2 Width	40.0 Cm
Package 2 Length	15.0 Cm
Package 2 Weight	1.95 Kg
Unit Type of Package 3	PAL
Number of Units in Package 3	2000
Package 3 Height	60.0 Cm
Package 3 Width	80.0 Cm
Package 3 Length	90.0 Cm
Package 3 Weight	38.2 Kg

Offer Sustainability

Recyclability potential, in %	21
Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.595341917
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0024793348
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.

Carbon footprint of the installation phase [A5]	0.0000920761
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	69.7383896104
Carbon footprint of the use phase [B2, B3, B4, B6]	70 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.030203195
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	70
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	9e63340a-2371-4381-8f9a-5fba0ff349a4
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, w
End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised