Product data sheet
Characteristics

XB2BVB1LC
Monolithic pilot light, Harmony XB2, plastic, white, 22mm, integral LED, 24V 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	24 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	24 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	5.77 Cm
Package 1 Length	2.96 Cm
Package 1 Weight	19.1 G
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	2.5 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	43.308 Kg

Offer Sustainability

Recyclability potential, in %	21
Total lifecycle Carbon footprint	36 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7336148784
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0030551803
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.

Carbon footprint of the installation phase [A5]	0.0001134615
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	34.8691948052
Carbon footprint of the use phase [B2, B3, B4, B6]	35 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0372181307
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	36
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