Product data sheet
Characteristics

XB7EV08BP
Monolithic pilot light, Harmony XB7, plastic, orange, 22mm, integral LED, 24V AC DC



Main

Range of product	Harmony XB7
Product or component type	Pilot light
Device short name	XB7
Mounting diameter	22 Mm
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Cap/operator or lens colour	Orange
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Device presentation	Monolithic product

Complementary

Height	29 Mm
Width	29 Mm
Depth	54 Mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.02 Kg
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 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: 2…2.4 N.m
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1
Tightening torque	0.8…1.2 N.M conforming to IEC 60947-1
Shape of screw head	Cross compatible with JIS No 1 screwdriver 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	250 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	19.2…30 V DC 21.6…26.4 V AC
Current consumption	20...27 mA
Service life	70000 H at rated voltage and 25 °C

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
NEMA degree of protection	UL type 4/12
Standards	JIS C8201-5-1 CSA C22.2 No 14 UL 508 IEC 60947-5-1 IEC 60947-1 JIS C8201-1
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic compatibility	Disturbing field 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	6.000 Cm
Package 1 Width	10.000 Cm
Package 1 Length	7.500 Cm
Package 1 Weight	18.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.000 Cm
Package 2 Width	10.000 Cm
Package 2 Length	16.000 Cm
Package 2 Weight	187.000 G
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Height	15.000 Cm
Package 3 Width	15.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	2.147 Kg

Offer Sustainability

Recyclability potential, in %	15
Total lifecycle Carbon footprint	0.7 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.3245402244
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0023537731
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0000625392
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.3666073944
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0.4 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0438151309
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Free of 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	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised