XB7EV03BP

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



Main Range of product Harmony XB7 Product or component Pilot light type Device short name XB7 Mounting diameter 22 mm Sale per indivisible 10 quantity Shape of signaling unit Round Cap/operator or lens Green colour Light source LED

Integral LED

24 V AC/DC 50/60 Hz

Monolithic product

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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: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm
Fixing mode	Fixing nut beneath head: 22.4 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 0.222 x 2.5 mm² without cable end conforming to IEC 60947-1
Tightening torque	0.81.2 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	19.230 V DC 21.626.4 V AC
Current consumption	2027 mA
Service life	70000 h at rated voltage and 25 °C

Bulb base

voltage

[Us] rated supply

Device presentation

Environment

Protective treatment	TH	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2570 °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	NEMA 4 conforming to UL 50 E NEMA 12 conforming to UL 50 E	
Standards	UL 508 JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 JIS C8201-1	
Vibration resistance	5 gn (f= 2500 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	3.000 cm
Package 1 Width	3.000 cm
Package 1 Length	5.200 cm
Package 1 Weight	18.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	5.000 cm
Package 2 Width	12.000 cm
Package 2 Length	15.000 cm
Package 2 Weight	183.000 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	2.167 kg

Offer Sustainability

REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	€Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

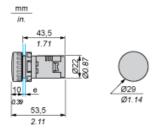
Warrantv	18	3 months
vvarianty	10	Hioritis

Product data sheet Dimensions Drawings

XB7EV03BP

Pilot Light with Screw Terminal

Dimensions



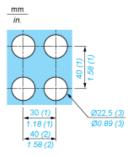
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Product data sheet Mounting and Clearance

XB7EV03BP

Mounting

Diameter of Finished Fixing Holes



- Minimum value.
- 40 mm/1.58 in. for Emergency switching off pushbutton only. Standard value: \emptyset 22.3 (0; + 0.4) mm/ \emptyset 0.88 (0; + 0.02) in.

Faston Clip Connection



"U" Type Tag Connection



- 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- M3 screw clamp terminal.

Wiring Diagram