Product datasheet

Specifications





Monolithic pilot light, Harmony XB7, plastic, clear, 22mm, integral LED, 110...120V AC

XB7EV07GP

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	Clear	
Light Source	LED	
Bulb Base	Integral LED	
[Us] Rated Supply Voltage	120 V AC 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: 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	100132 V AC
Current Consumption	1821 mA
Service Life	70000 h at rated voltage and 25 °C

Environment

Protective Treatment	ТН	
Ambient Air Temperature For Storage	-4070 °C	
Ambient Air Temperature For Operation	-2555 °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	JIS C8201-5-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14 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	5.500 cm
Package 1 Weight	19.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	7.000 cm
Package 2 Width	10.000 cm
Package 2 Length	16.500 cm
Package 2 Weight	199.000 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	2.268 kg

Contractual warranty

Warranty

17-Apr-2024

18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

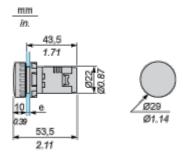
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

XB7EV07GP

Dimensions Drawings

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).

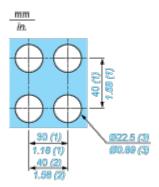
17-Apr-2024

XB7EV07GP

Mounting and Clearance

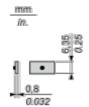
Mounting

Diameter of Finished Fixing Holes

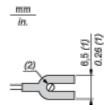


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection



"U" Type Tag Connection



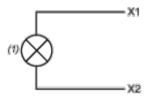
- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Product datasheet

XB7EV07GP

Connections and Schema

Wiring Diagram



(1) LED