

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

XB7EV07BP

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB7
Product or Component Type	Pilot light
Device short name	XB7
Mounting diameter	0.9 in (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	24 V AC/DC 50/60 Hz
Device presentation	Monolithic product

Complementary

Height	1.1 in (29 mm)	
Width	1.1 in (29 mm)	
Depth	2.1 in (54 mm)	
Terminals description ISO n°1	(X1-X2)PL	
Net Weight	0.04 lb(US) (0.02 kg)	
Device mounting	Fixing hole 0.9 in (22.5 mm) 22.3 +0.4/0 IEC 60947-5-1	
Fixing center	>= 30 x 40 mm support panel) metal 0.040.2 in (16 mm) >= 30 x 40 mm support panel) plastic 0.080.2 in (26 mm)	
Fixing mode	Fixing nut beneath head 17.721.2 lbf.in (22.4 N.m)	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end IEC 60947-1	
Tightening torque	7.0810.6 lbf.in (0.81.2 N.m) IEC 60947-1	
Shape of screw head	Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm	
[Ui] rated insulation voltage		
[Ui] rated insulation voltage [Uimp] rated impulse withstand voltage	Slotted flat Ø 5.5 mm	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Environment

Protective treatment	TH	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
Overvoltage category	Class II conforming to IEC 60536	
IP degree of protection	IP20 IEC 60529 rear face) IP65 IEC 60529 front face)	
NEMA degree of protection	NEMA 4 UL 50 E NEMA 12 UL 50 E	
Standards	IEC 60947-5-1 CSA C22.2 No 14 UL 508 IEC 60947-1 JIS C8201-5-1 JIS C8201-1	
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Shock resistance	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27	
Electromagnetic compatibility	Disturbing field emission class B conforming to IEC 55011	

Ordering and shipping details

Category	US10CS222464	
Discount Schedule	0CS2	
GTIN	3389119041201	
Returnability	Yes	
Country of origin	ID	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.500 cm)
Package 1 Width	1.18 in (3.000 cm)
Package 1 Length	1.18 in (3.000 cm)
Package 1 Weight	0.635 oz (18.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.36 in (6.000 cm)
Package 2 Width	3.94 in (10.000 cm)
Package 2 Length	5.91 in (15.000 cm)
Package 2 Weight	6.455 oz (183.000 g)
Unit Type of Package 3	S01

Number of Units in Package 3	100
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	5.91 in (15.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	4.669 lb(US) (2.118 kg)

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	35
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

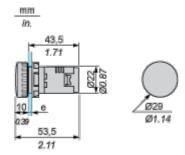
Product data sheet

XB7EV07BP

Dimensions Drawings

Pilot Light with Screw Terminal

Dimensions



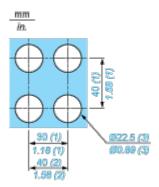
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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Mounting and Clearance

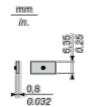
Mounting

Diameter of Finished Fixing Holes

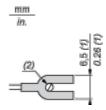


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection



"U" Type Tag Connection



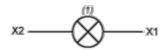
- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Product data sheet

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Connections and Schema

Wiring Diagram



(1) LED