

(!) Discontinued

round pilot light \emptyset 22 - white - integral LED - 220 V AC - screw clamp terminals

XB7EVM1LC

- ! Discontinued on: 29-Jan-2021
- ! End-of-service on: 30-Jun-2022

Main

Range of product	Harmony XB7	
Device short name	XB7	
Mounting diameter	22 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	220 V AC 50/60 Hz	
Device presentation	Monolithic product	

Complementary

Height	29 mm	
Width	29 mm	
Depth	53 mm	
Terminals description ISO n°1	(X1-X2)PL	
Product weight	0.017 kg	
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/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: 0.81.6 N.m	
Marking	ccc	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.51 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1	
Connections - terminals	60947-1 Screw clamp terminals, $1 \times 0.51 \times 2.5$ mm² without cable end conforming to EN/IEC	
[Ui] rated insulation voltage	60947-1 Screw clamp terminals, $1 \times 0.51 \times 2.5$ mm² without cable end conforming to EN/IEC	
	60947-1 Screw clamp terminals, 1 x 0.51 x 2.5 mm² without cable end conforming to EN/IEC 60947-1	
[Ui] rated insulation voltage	60947-1 Screw clamp terminals, 1 x 0.51 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 250 V (pollution degree 3) conforming to EN/IEC 60947-1	
[Ui] rated insulation voltage [Uimp] rated impulse withstand voltage	60947-1 Screw clamp terminals, 1 x 0.51 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 250 V (pollution degree 3) conforming to EN/IEC 60947-1 6 kV conforming to EN/IEC 60947-1	

Service life 50000 h at rated voltage and 25 °C

Environment

Protective treatment	TC	
Ambient air temperature for storage	-4080 °C	
Ambient air temperature for operation	-2570 °C	
Overvoltage category	Class I conforming to IEC 536	
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529	
Standards	GB 14048.5 IEC 60947-1 GB 14048.1 IEC 60947-5-1	
Product certifications	ccc	
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 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27	
Electromagnetic compatibility	Disturbing field emission class B conforming to EN 55011	



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	
Environmental Disclosure	Product Environmental Profile

Use Better

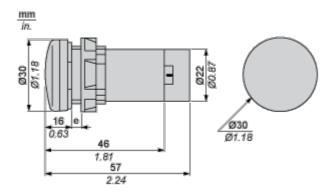
⊗ Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

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).

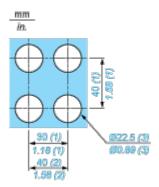
Product datasheet

XB7EVM1LC

Mounting and Clearance

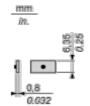
Mounting

Diameter of Finished Fixing Holes

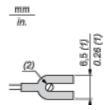


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

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.

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Connections and Schema

Wiring Diagram



(1) LED