

Harmony XB7, Monolithic pilot light, plastic, yellow, Ø22, integral LED, 110...120 V AC

XB7EV05GP

EAN Code: 3389119022804

#### 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	Yellow
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	
Product 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	-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 60947-1  IEC 60947-5-1  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 cm
Package 1 Width	3 cm
Package 1 Length	5.5 cm
Package 1 Weight	20 g
Unit Type of Package 2	BAG
Number of Units in Package 2	10
Package 2 Height	7 cm
Package 2 Width	10 cm
Package 2 Length	15 cm
Package 2 Weight	213 g
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Height	15 cm
Package 3 Width	15 cm
Package 3 Length	40 cm
Package 3 Weight	2.355 kg

# Logistical informations

Country of origin

## **Contractual warranty**

Warranty

18 months

ID



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.eq.CO2 per CR, Total Life cycle)	2
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

<b>⊗</b> Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
China RoHS Regulation	China RoHS declaration

#### **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
Take-back	No

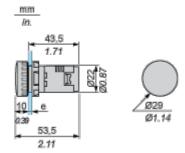
## XB7EV05GP

**Dimensions Drawings** 

## Pilot Light with Screw Terminal

#### **Dimensions**

21 Feb 2025



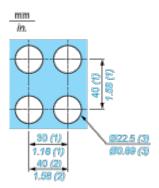
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

#### XB7EV05GP

Mounting and Clearance

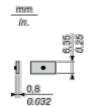
#### Mounting

#### **Diameter of Finished Fixing Holes**

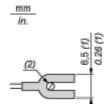


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

## **Faston Clip Connection**



## "U" Type Tag Connection



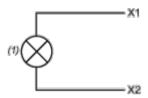
- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

## **Product datasheet**

## XB7EV05GP

Connections and Schema

## Wiring Diagram



(1) LED