

# Product datasheet

Specifications



## Monolithic pilot light, Harmony XB5N XB7N, plastic, amber, 22mm, LED, 230V AC

XB7EV08MPN

### Main

Range of product	Harmony XB5N/XB7N
Product or component type	Pilot light
Device short name	XB7N
Bezel material	Dark grey plastic
Fixing collar material	Plastic
Mounting diameter	22.5 mm
Sale per indivisible quantity	20
Shape of signaling unit head	Round
Cap/operator or lens colour	Amber
Operator additional information	With plain lens
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	220...240 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: 1...6 mm >= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm
Fixing mode	Fixing nut: 2...2.4 N.m
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to IEC 60947-1
Shape of screw head	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	600 V (pollution degree 3) conforming to IEC 60947-1

<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-1
<b>Signalling type</b>	Steady
<b>Light source colour</b>	Amber
<b>Supply voltage limits</b>	195...264 V AC
<b>Current consumption</b>	16...20 mA
<b>Service life</b>	100000 h at rated voltage and 25 °C
<b>Surge withstand</b>	1 kV conforming to IEC 61000-4-5

## Environment

<b>Protective treatment</b>	TH
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Overvoltage category</b>	Class II conforming to IEC 60536
<b>Standards</b>	IEC 60947-1 IEC 60947-5-1 IS 13947-5-1
<b>Product certifications</b>	CE
<b>Vibration resistance</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
<b>Resistance to fast transients</b>	2 kV conforming to IEC 61000-4-4
<b>Resistance to electromagnetic fields</b>	10 V/m conforming to IEC 61000-4-3
<b>Electromagnetic compatibility</b>	Disturbing field emission class B conforming to EN 55011
<b>IP degree of protection</b>	IP65
<b>IK degree of protection</b>	IK03

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3 cm
<b>Package 1 Width</b>	3 cm
<b>Package 1 Length</b>	5.5 cm
<b>Package 1 Weight</b>	28 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	20
<b>Package 2 Height</b>	9 cm
<b>Package 2 Width</b>	14 cm
<b>Package 2 Length</b>	19 cm
<b>Package 2 Weight</b>	644 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	240

<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	8423 g

## Environmental Data

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.

[How this information helps you >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **5**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging without single use plastic **No**

[EU RoHS Directive](#)

**Pro-active compliance (Product out of EU RoHS legal scope)**

REACH Regulation

[REACH Declaration](#)

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**

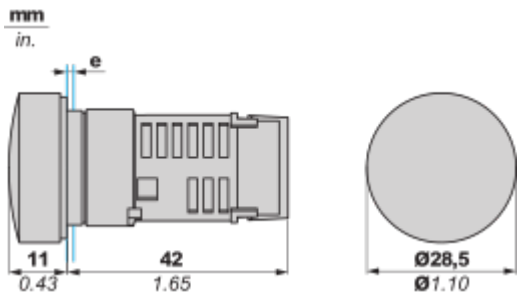
Take-back

**No**

Dimensions Drawings

**Dimensions**

---



e: clamping thickness 1 to 6 mm (0.04 to 0.24 in.)

Technical Illustration

Dimensions

---

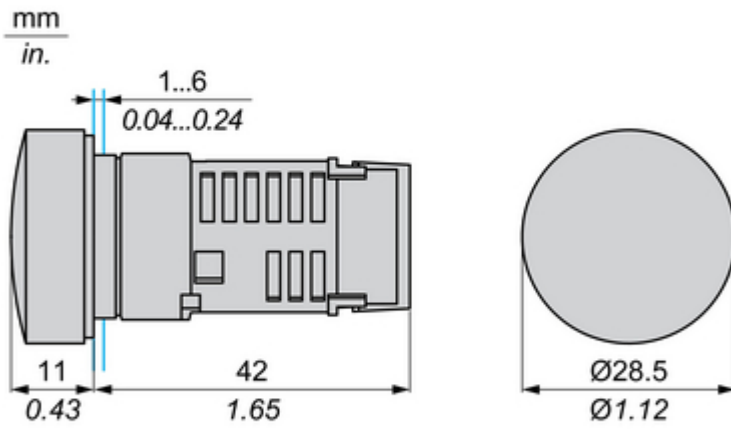


Image of product / Alternate images

Alternative

---









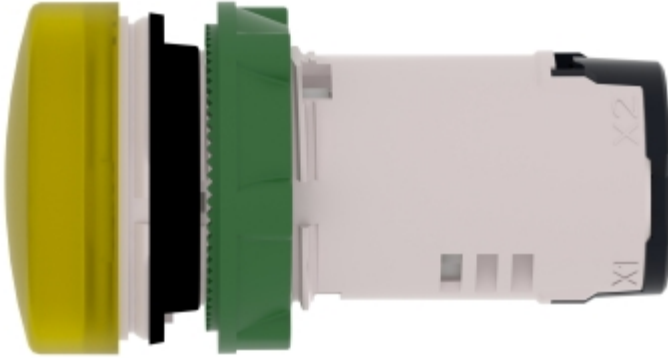




Image of product in real life situation

