

# Product datasheet

Specifications



## Monolithic pilot light, plastic, yellow, Ø22, integral LED, 24 V AC/DC

Local distributor code:

398129800

XB7EV05BP

EAN Code: 3389110839746

### 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	24 V AC/DC 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 beneath head: 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...2 x 2.5 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 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Supply voltage limits</b>	19.2...30 V DC 21.6...26.4 V AC
<b>Current consumption</b>	20...27 mA
<b>Service life</b>	70000 h at rated voltage and 25 °C

## 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>IP degree of protection</b>	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
<b>Enclosure Type</b>	Type 4 Type 12
<b>Standards</b>	IEC 60947-1 UL 508 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 JIS C8201-1
<b>Vibration resistance</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
<b>Electromagnetic compatibility</b>	Disturbing field emission class B conforming to IEC 55011

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.000 cm
<b>Package 1 Width</b>	3.000 cm
<b>Package 1 Length</b>	5.500 cm
<b>Package 1 Weight</b>	18.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	6.000 cm
<b>Package 2 Width</b>	10.000 cm
<b>Package 2 Length</b>	15.000 cm
<b>Package 2 Weight</b>	185.000 g
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	100
<b>Package 3 Height</b>	15.000 cm
<b>Package 3 Width</b>	15.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	2.155 kg

## Logistical informations

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Country of origin ID

## Contractual warranty

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Warranty 18 months



## 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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint	1
Environmental Disclosure	<a href="#">Product Environmental Profile</a>


### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	<a href="#">REACH Declaration</a>

### Use Again

#### Repack and remanufacture

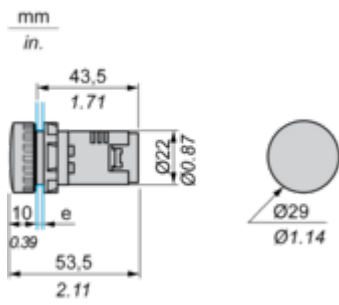
Recyclability potential, in %	15
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

**Pilot Light with Screw Terminal**

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**Dimensions**

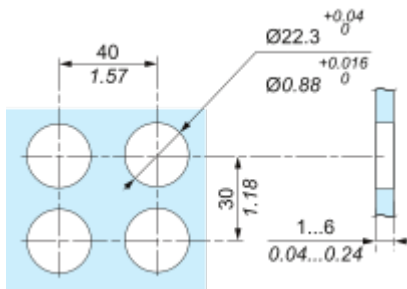


e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting and Clearance

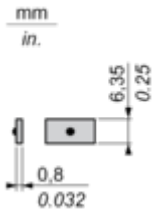
Panel cut-out

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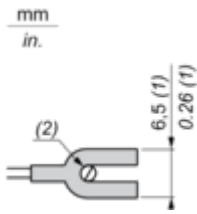
Faston Clip Connection

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**“U” Type Tag Connection**

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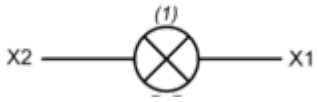


- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.  
(2) M3 screw clamp terminal.

Connections and Schema

Wiring Diagram

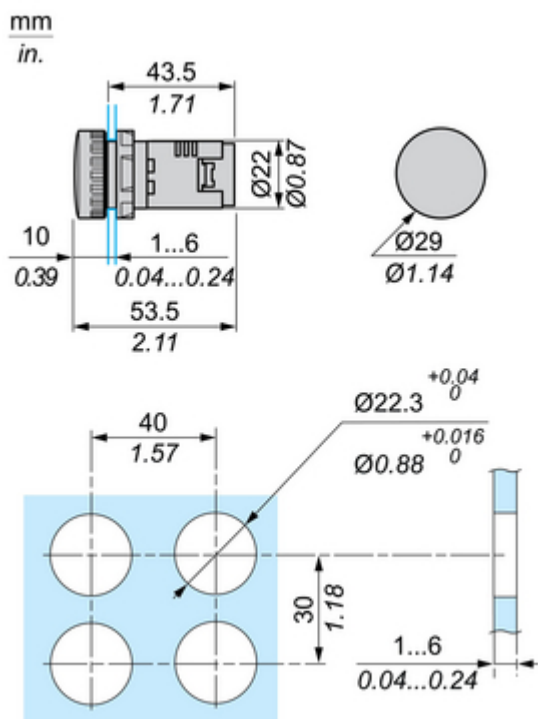
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(1) LED

Technical Illustration

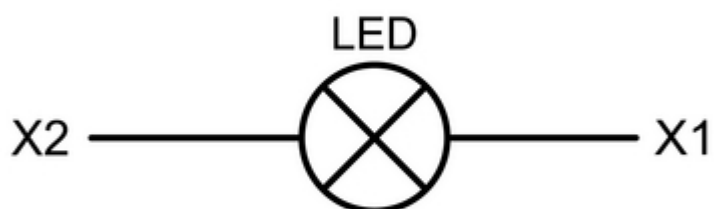
Dimensions



Technical Illustration

Wiring diagram

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Offer Marketing Illustration

Product benefits / Features

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### Technical Benefits

Harmony All-in-one monolithic offers



Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of two monolithic circuit breakers: a black one at the top and a red one at the bottom. The red breaker has a white speaker icon on its face. Surrounding this central image are four circular icons, each with a corresponding text block describing a feature. The background is a solid green color.

### Features

#### Harmony All-in-one monolithic offers

- Good resistance to chemical agents with double electrical insulation** (Icon: Checkmark)
- Monolithic design - easy to select** (Icon: Lightbulb)
- Quick to install by eliminating the need for components** (Icon: Screwdriver)
- Safety compliant: Finger protected** (Icon: Hand with finger protected)

Image of product / Alternate images

Alternative

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