

# Product datasheet

Specifications



## Pilot light, Harmony XB4, metal, orange, 22mm, universal LED, plain lens, 24V AC DC

Local distributor code:

23705748

XB4BVB5

**Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks**  
EAN Code: 3389110891942

### Main

Range of product	Harmony XB4
Product or component type	Pilot light
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	22.5 mm
Head type	Standard
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Cap/operator or lens colour	Orange
Operator additional information	With plain lens
Light source	Universal LED
Bulb base	Integral LED
Light source colour	Orange
[Us] rated supply voltage	24 V AC/DC 50/60 Hz

### Complementary

Height	47 mm
Width	30 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.08 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 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
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
Signalling type	Steady
Current consumption	18 mA
Service life	100000 h at rated voltage and 25 °C

<b>Surge withstand</b>	1 kV conforming to IEC 61000-4-5
<b>Device presentation</b>	Complete product
<b>Supply voltage limits</b>	19.2...30 V DC 21.6...26.4 V AC

## Environment

<b>Protective treatment</b>	TH
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-40...70 °C
<b>Electrical shock protection class</b>	Class I conforming to IEC 60536
<b>IP degree of protection</b>	IP66 conforming to IEC 60529 IP67 IP69 IP69K
<b>NEMA degree of protection</b>	NEMA 13 NEMA 4X
<b>IK degree of protection</b>	IK06 conforming to IEC 50102
<b>Standards</b>	IEC 60947-1 IEC 60947-5-4 JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 UL 508 IEC 60947-5-5 JIS C8201-1
<b>Product certifications</b>	CSA UL listed
<b>Vibration resistance</b>	5 gn (f= 12...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>Resistance to electrostatic discharge</b>	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
<b>Electromagnetic emission</b>	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>	3.500 cm
<b>Package 1 Width</b>	5.500 cm
<b>Package 1 Length</b>	8.500 cm
<b>Package 1 Weight</b>	79.700 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	150
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm

Package 2 Length	40.000 cm
Package 2 Weight	12.246 kg
Unit Type of Package 3	P06
Number of Units in Package 3	1200
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	107.120 kg

## Logistical informations

Country of origin	FR
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## Contractual warranty

Warranty	18 months
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## 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 [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 3d14fd98-3859-4733-a5ee-a3016769973c

REACH Regulation [REACH Declaration](#)

## Use Longer

### Lifetime extension

Product repair index A

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

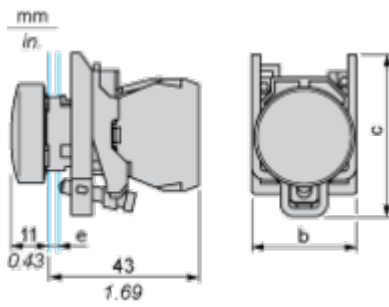
Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

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**e** : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

**b** : 30 mm / 1.18 in.

**c** : 46.5 mm / 1.83 in.

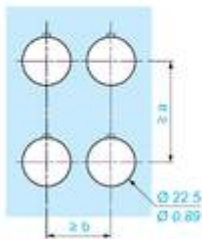
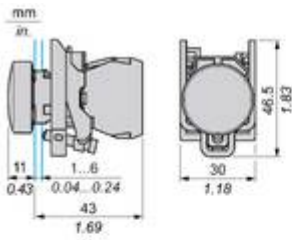
Mounting and Clearance

**Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)**

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
	
<p>(1) Diameter on finished panel or support                  (2) 40 mm min. / 1.57 in. min.                  (3) 30 mm min. / 1.18 in. min.                  (4) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})</math>                  (5) 45 mm min. / 1.78 in. min.                  (6) 32 mm min. / 1.26 in. min.</p>	

Technical Illustration

Dimensions



		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....9	ZBV.....9				
		40	1.57	30	1.18
ZBRT•	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony XB4/XB5 Illuminated functions

- NEW universal LED Block for all colors**
- Simple stock management**
- Improved installation time and easy selection**
- Improved color intensity and brightness**

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

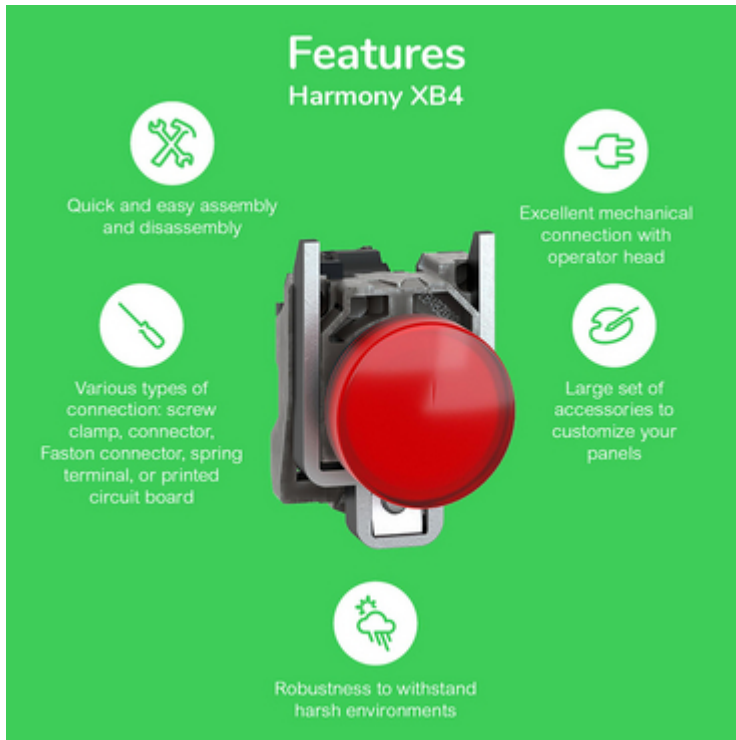
### Harmony XB4



Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of a red push-button switch. Surrounding this central image are five circular icons, each with a corresponding text description of a feature. The background is a solid green color.

### Features Harmony XB4

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a plug)
- Large set of accessories to customize your panels** (Icon: plug with a slash through it)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)

Image of product / Alternate images

Alternative

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