

# Product datasheet

Specifications



## Monolithic pilot light, Harmony XB5N XB7N, plastic, yellow, 22mm, LED, 24V AC DC

XB7EV05BPN

### 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	Yellow
Operator Additional Information	With plain lens
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: 2...2.4 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 0.22 mm² 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

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>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV conforming to IEC 60947-1
<b>Signalling Type</b>	Steady
<b>Light Source Colour</b>	Yellow
<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>	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>	IP54
<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>	4.2 cm
<b>Package 1 Width</b>	3.3 cm
<b>Package 1 Length</b>	5.2 cm
<b>Package 1 Weight</b>	106.0 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	240
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm

# Sustainability

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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	