## XB7EV63P

round pilot light Ø 22 - green - BA 9s base - <= 250 V - screw clamp terminals





#### 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
Operator additional information	With plain lens
Light source	Incandescent (bulb not included)
Device presentation	Monolithic product

Complementary

Height Width Depth Terminals description ISO n°1	29 mm 29 mm 54 mm
Depth	
<u>'</u>	54 mm
Terminals description ISO n°1	5 <del>4</del> mm
Tommale decompliant to the	(X1-X2)PL
Net weight	0.018 kg
Overvoltage category	Class II conforming to IEC 60536
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
Shape of signaling unit head	Round
Cap/operator or lens colour	Green
Connections - terminals	Faston connectors, connection size: 6.35 x 0.8 mm conforming to IEC 60947-1 Forked type tag connectors, connection size: 6.5 mm conforming to IEC 60947-1 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
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	<= 250 V
Compatibility code	XB7

#### **Environment**

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-2555 °C
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529
NEMA degree of protection	NEMA 12
Standards	IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 UL 508 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**

r doking office	
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	6 cm
Package 1 Weight	17 g
Unit Type of Package 2	BAG
Number of Units in Package 2	10
Package 2 Height	6 cm
Package 2 Width	11 cm
Package 2 Length	16 cm
Package 2 Weight	172 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	2.081 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
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

## Contractual warranty

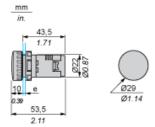
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Warranty	18 months

# Product data sheet Dimensions Drawings

# XB7EV63P

## Pilot Light with Screw Terminal

### Dimensions



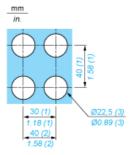
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

# Product data sheet Mounting and Clearance

## XB7EV63P

#### Mounting

### Diameter of Finished Fixing Holes



- Minimum value.
- 40 mm/1.58 in. for Emergency switching off pushbutton only. Standard value:  $\emptyset$  22.3 (0; + 0.4) mm/ $\emptyset$  0.88 (0; + 0.02) in.

### **Faston Clip Connection**



## "U" Type Tag Connection

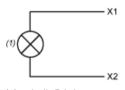


- 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- M3 screw clamp terminal.

# Product data sheet Connections and Schema

# XB7EV63P

## Wiring Diagram



(1) bulb BA 9s