XB7EV67P
round pilot light Ø 22 - clear - 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	29 mm
Width	29 mm
Depth	54 mm
Terminals description ISO n°1	(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 EN/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
Shape of signaling unit head	Round
Cap/Operator or lens colour	Clear
Connections - terminals	Faston connectors, connection size: 6.35 x 0.8 mm conforming to EN/IEC 60947-1 Forked type tag connectors, connection size: 6.5 mm conforming to EN/IEC 60947-1 Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1
Tightening torque	0.8…1.2 N.m conforming to EN 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 EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1

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Signalling type	Steady
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	<= 250 V
Compatibility code	XB7

Environment

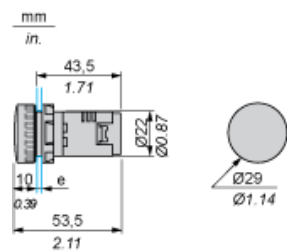| Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…55 °C
IP degree of protection	IP20 conforming to IEC 60529 (rear face) IP54 conforming to IEC 60529 (front face)
NEMA degree of protection	NEMA 12
Standards	JIS C 4520 UL 508 EN/IEC 60947-1 EN/IEC 60947-5-1 CSA C22.2 No 14
Vibration resistance	5 gn (f= 2…500 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 emissionclass B conforming to EN 55011

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) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Download RoHS China Declaration
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

Warranty	18 months

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XB7EV67P

Pilot Light with Screw Terminal

Dimensions

mm
in.

43,5
1.71

Ø22
Ø0.87

Ø29
Ø1.14

10
0.39

e

53,5
2.11
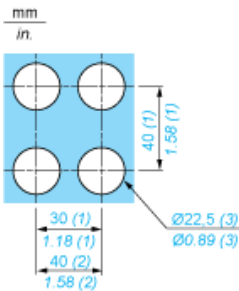
e   Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).
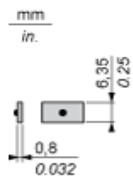
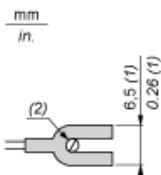## Mounting

Diameter of Finished Fixing Holes

(1)   Minimum value.
(2)   40 mm/1.58 in. for Emergency switching off pushbutton only.
(3)   Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.
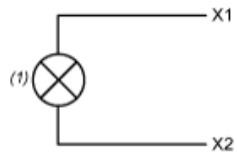
Faston Clip Connection

"U" Type Tag Connection

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

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Wiring Diagram

X1

(1)

X2

(1)   bulb BA 9s