

Product data sheet

Specifications



Pilot light, Harmony XB7, round Ø22 mm, yellow, BA 9 s base, <= 250 V, faston connectors

XB7EV65P3

⚠ To be discontinued on: 31 March 2023

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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 Yellow

Connections - terminals Faston connectors, connection size: 1 x 6.35 mm conforming to EN/IEC 60947-1
Faston connectors, connection size: 2 x 2.8 mm conforming to EN/IEC 60947-1

[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

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 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529
NEMA degree of protection	NEMA 12
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1 JIS C8201-5-1 JIS C8201-1
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 emission class B conforming to EN 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	11.000 cm
Package 1 Length	17.000 cm
Package 1 Weight	15.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.000 cm
Package 2 Width	11.000 cm
Package 2 Length	17.000 cm
Package 2 Weight	156.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	1.794 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)

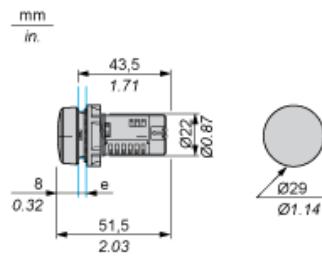
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

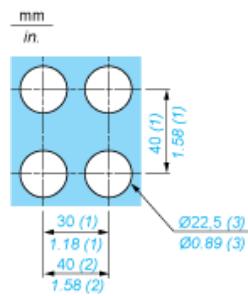
Warranty	18 months
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Pilot Light with Faston Terminal

Dimensions

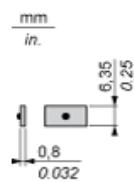


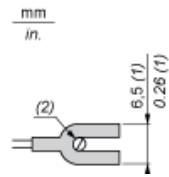
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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.

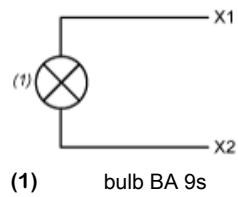
Faston Clip Connection



“U” Type Tag Connection

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

Wiring Diagram



Recommended replacement(s)