Specifications





Monolithic pilot light, Harmony XB7, plastic, red, 22mm, plain lens for BA9s bulb, lt 250V

XB7EV64P

Main

Range Of Product	Harmony XB7 Pilot light
	Dilet light
Product Or Component Type	
Device Short Name	ХВ7
Mounting Diameter	0.87 in (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	1.14 in (29 mm)
Width	1.14 in (29 mm)
Depth	2.13 in (54 mm)
Terminals Description Iso N°1	(X1-X2)PL
Net Weight	0.04 lb(US) (0.018 kg)
Overvoltage Category	Class II IEC 60536
Device Mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 IEC 60947-5-1
Fixing Center	>= 30 x 40 mm support panel) metal 0.040.24 in (16 mm) >= 30 x 40 mm support panel) plastic 0.080.24 in (26 mm)
Fixing Mode	Fixing nut beneath head 17.7021.24 lbf.in (22.4 N.m)
Shape Of Signaling Unit Head	Round
Cap/Operator Or Lens Colour	Red
Connections - Terminals	Faston connectors 6.35 x 0.8 mm IEC 60947-1 Forked type tag connectors 6.5 mm IEC 60947-1 Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end IEC 60947-1
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) IEC 60947-1
Shape Of Screw Head	Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
[Ui] Rated Insulation Voltage	250 V 3)IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV 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	тн
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-13131 °F (-2555 °C)
Ip Degree Of Protection	IP20 IEC 60529 rear face) IP54 IEC 60529 front face)
Nema Degree Of Protection	NEMA 12
Standards	IEC 60947-5-1 IEC 60947-1 JIS C8201-5-1 CSA C22.2 No 14 UL 508 JIS C8201-1
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6
Shock Resistance	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Electromagnetic Compatibility	Disturbing field emission class B conforming to IEC 55011

Packing Units

PCE
1
1.18 in (3.000 cm)
1.18 in (3.000 cm)
2.05 in (5.200 cm)
0.60 oz (17.000 g)
BB1
10
1.97 in (5.000 cm)
3.94 in (10.000 cm)
5.91 in (15.000 cm)
6.14 oz (174.000 g)
S01
100
5.91 in (15.000 cm)
5.91 in (15.000 cm)
15.75 in (40.000 cm)
4.53 lb(US) (2.056 kg)

Contractual warranty

Warranty

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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 >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes

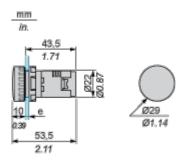
Certifications & Standards

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
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

Dimensions Drawings

Pilot Light with Screw Terminal

Dimensions

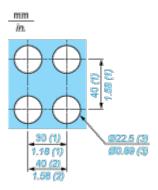


e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting and Clearance

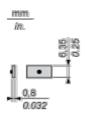
Mounting

Diameter of Finished Fixing Holes

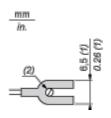


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection



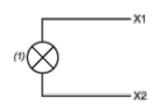
"U" Type Tag Connection



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

Connections and Schema

Wiring Diagram



(1) bulb BA 9s