

XB7EV66P

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



Main

Range of product	Harmony XB7
Product or component type	Monolithic pilot light
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Cap/Operator or lens colour	Blue
Light source	Incandescent (bulb not included)
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	<= 250 V

Complementary

Height	29 mm
Width	29 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Product weight	0.018 kg
Device mounting	Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-5-1
Fixing center	>= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm >= 30 x 40 mm on support panel, metal, thickness: 1...6 mm
Fixing mode	Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m)
Connections - terminals	Screw clamp terminals: 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Forked type tag connectors(6.5 mm) conforming to EN/IEC 60947-1 Faston connectors(6.35 x 0.8 mm) conforming to EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Cross head compatible with pozidriv No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with JIS No 1 screwdriver
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
Signalling type	Steady

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...55 °C
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP54 (front face) conforming to IEC 60529 IP20 (rear face) conforming to IEC 60529
NEMA degree of protection	NEMA 12

Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 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 emission	Class B conforming to EN 55011

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

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

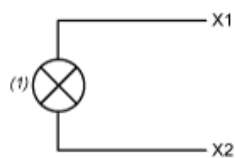


“U” Type Tag Connection



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

Wiring Diagram



(1) bulb BA 9s