

XB7EV74P

round pilot light Ø 22 - red - bulb BA 9s - 230 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
Device presentation	Monolithic product

Complementary

Height	29 mm
Width	29 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Product weight	0.02 kg
Overvoltage category	Class II IEC 60536
Device mounting	Fixing hole 22.5 mm 22.3 +0.4/0 EN/IEC 60947-5-1
Fixing center	>= 30 x 40 mm support panel metal 1...6 mm >= 30 x 40 mm support panel plastic 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	Red
Connections - terminals	Screw clamp terminals <= 2 x 1.5 mm ² with cable end EN/IEC 60947-1 Screw clamp terminals 1 x 0.22...2 x 2.5 mm ² without cable end EN/IEC 60947-1 Faston connectors 6.35 x 0.8 mm EN/IEC 60947-1 Forked type tag connectors 6.5 mm EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m EN 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm Cross JIS No 1
[Ui] rated insulation voltage	250 V 3 EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Signalling type	Steady
Bulb base	BA 9s
Light block supply	Direct through resistor 2.6 W 130 V
[Us] rated supply voltage	230 V AC 50/60 Hz
Supply voltage limits	195...264 V AC
Service life	2000 h at rated voltage and 25 °C
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 IEC 60529 IP54 front face IEC 60529
NEMA degree of protection	NEMA 12

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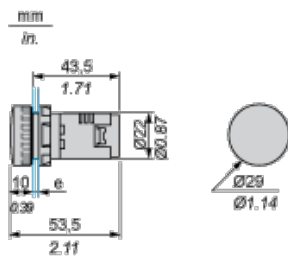
standards	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 UL 508 CSA C22.2 No 14
vibration resistance	5 gn 2...500 Hz IEC 60068-2-6
shock resistance	50 gn 11 ms half sine wave acceleration IEC 60068-2-27
electromagnetic compatibility	Disturbing field emission class B EN 55011

Contractual warranty

Warranty period	18 months
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Pilot Light with Screw Terminal

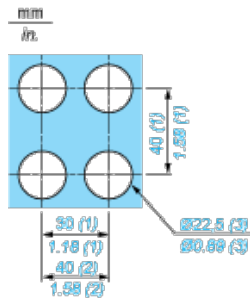
Dimensions



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).

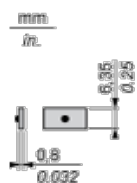
Mounting

Diameter of Finished Fixing Holes



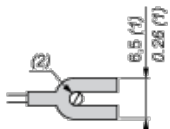
- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: $\varnothing 22.3 (0; + 0.4) \text{ mm} / \varnothing 0.88 (0; + 0.02) \text{ in.}$

Faston Clip Connection



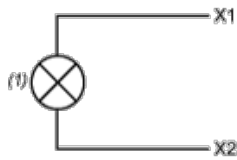
“U” Type Tag Connection

mm
in.



- (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