



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
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 4520 UL 508
Cap/Operator or lens colour	Red
Light source	Integral LED
[Us] rated supply voltage	24 V AC/DC 50/60 Hz

Complementary

Product weight	0.02 kg
Device mounting	Fixing hole : 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-5-1
Fixing center	>= 30 x 40 mm on support panel thickness: metal : 1...6 mm >= 30 x 40 mm on support panel thickness: plastic : 2...6 mm
Fixing mode	Fixing nut beneath head recommended torque: 1.2 N.m (0.8...2 N.m)
Shape of signaling unit head	Round
Connections - terminals	Faston connectors : 6.35 x 0.8 mm conforming to EN/IEC 60947-1 Forked type tag connectors : 6.5 mm conforming to EN/IEC 60947-1 Screw clamp terminals : <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals : 1 x 0.22...2 x 2.5 mm ² 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 head compatible with pozidriv No 1 screwdriver Cross head compatible with Phillips no 1 screwdriver Cross head compatible with JIS No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm 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
Supply voltage limits	19.2...30 V DC 21.6...26.4 V AC
Current consumption	20...27 mA
Service life	80000 h at rated voltage and 25 °C

Environment

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

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NEMA degree of protection	NEMA 4
Vibration resistance	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic emission	Class B conforming to EN 55011
RoHS EUR conformity date	0750
RoHS EUR status	Compliant