

Product data sheet

Specifications



round pilot light Ø 22 - blue - BA 9s
neon - 230 V - screw clamp
terminals

XB7EV46P

 **Discontinued on:** Jan 29, 2021

 **Discontinued**

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
Light Source	Neon
Device Presentation	Monolithic product

Complementary

Height	29 mm
Width	29 mm
Depth	54 mm
Terminals Description Iso N°1	(X1-X2)PL
Net Weight	0.02 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	Blue
Connections - Terminals	Faston connectors, connection size: 6.35 x 0.8 mm conforming to EN/IEC 60947-1 Forked type tag connectors, connection size: 6.5 mm conforming to EN/IEC 60947-1 Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² 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 compatible with JIS No 1 screwdriver Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
[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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Signalling Type	Steady
Bulb Base	BA 9s
Light Block Supply	Direct
[Us] Rated Supply Voltage	230 V AC at 50/60 Hz
Supply Voltage Limits	195...264 V AC
Current Consumption	< 5 mA
Service Life	50000 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...70 °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	JIS C8201-5-1 EN/IEC 60947-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 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

Contractual warranty

Warranty	18 months
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