Product datasheet

Main





(!) Discontinued

round pilot light Ø 22 - yellow integral LED - 24 V - faston connectors

XB7EV05BP3

! Discontinued on: 17-Apr-2020

! End-of-service on: 11-Jul-2022

Range Of Product	Harmony XB7	
Product Or Component Type	Pilot light	
Device Short Name	XB7	
Mounting Diamete	22 mm	
Sale Per Indivisible Quantity	10	
Shape Of Signaling Unit Head	Round	
Cap/Operator Or Lens Colour	Yellow	
Operator Additional Information	With plain lens	
Light Source	LED	
Bulb Base	Integral LED	
[Us] Rated Supply Voltage	24 V AC/DC 50/60 Hz	
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	
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: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm	
Fixing Mode	Fixing nut beneath head: 22.4 N.m	
Connections - Terminals	Faston connectors, connection size: 1 x 6.35 mm conforming to EN/IEC 60947-1 Faston connectors, connection size: 2 x 2.8 mm conforming to EN/IEC 60947-1	
[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	
Signalling Type	Steady	
Supply Voltage Limits	19.230 V DC 21.626.4 V AC	
Current Consumption	2027 mA	

Life Is On Schneider 13-Jun-2024

Service Life 70000 h at rated voltage and 25 °C

Environment

Protective Treatment	тн	
Ambient Air Temperature For Storage	-4070 °C	
Ambient Air Temperature For Operation	-2570 °C	
Overvoltage Category	Class II conforming to IEC 60536	
Ip Degree Of Protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529	
Nema Degree Of Protection	NEMA 4 conforming to UL 50 E NEMA 12 conforming to UL 50 E	
Standards	EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 JIS C8201-1	
Vibration Resistance	stance 5 gn (f= 2500 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	patibility Disturbing field emission class B conforming to EN 55011	

Contractual warranty

Warranty 18 months



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
9	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

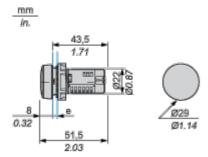
Certifications & Standards

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 Faston 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).

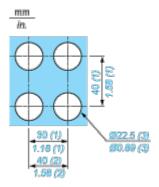
Product datasheet

XB7EV05BP3

Mounting and Clearance

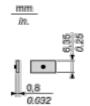
Mounting

Diameter of Finished Fixing Holes

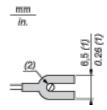


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

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) LED