Product data sheet
Characteristics

XB7EV04BP
Harmony XB7, Monolithic pilot light, plastic, red, Ø22, integral LED, 24 V AC/DC



Main

Range of product	Harmony XB7
Product or component type	Pilot light
Device short name	XB7
Mounting diameter	0.87 in (22 mm)
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Cap/operator or lens colour	Red
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Device presentation	Monolithic product

Complementary

Height	1.14 in (29 mm)
Width	1.14 in (29 mm)
Depth	2.13 in (54 mm)
Terminals description ISO n°1	(X1-X2)PL
Net Weight	0.04 lb(US) (0.02 kg)
Device mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-5-1
Fixing center	>= 30 x 40 mm support panel) metal 0.04…0.24 in (1…6 mm) >= 30 x 40 mm support panel) plastic 0.08…0.24 in (2…6 mm)
Fixing mode	Fixing nut beneath head 17.70…21.24 lbf.in (2…2.4 N.m)
Connections - terminals	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 EN/IEC 60947-1
Tightening torque	7.08…10.62 lbf.in (0.8…1.2 N.m) 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 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV 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	70000 h at rated voltage and 25 °C

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…158 °F (-40…70 °C)
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Overvoltage category	Class II IEC 60536
IP degree of protection	IP20 IEC 60529 rear face) IP65 (front face) conforming to IEC 60529
NEMA degree of protection	NEMA 4 UL 50 E NEMA 12 UL 50 E
Standards	JIS C8201-5-1 UL 508 EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-1 JIS C8201-1
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 emissionclass B EN 55011

Ordering and shipping details

Category	22464 - PUSHBUTTONS, XB7-22MM
Discount Schedule	CS2
GTIN	00785901588481
Nbr. of units in pkg.	10
Package weight(Lbs)	0.04 lb(US) (0.02 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	0.400 dm
Package 1 width	1.200 dm
Package 1 Length	1.600 dm

Offer Sustainability

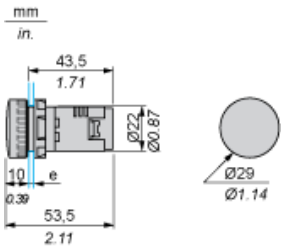
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

Pilot Light with Screw Terminal

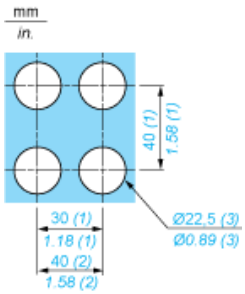
Dimensions



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).

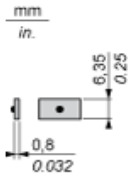
Mounting

Diameter of Finished Fixing Holes

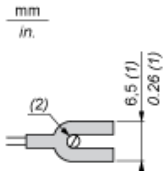


(1) Minimum value.
(2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
(3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection

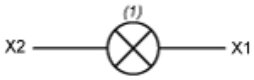


“U” Type Tag Connection



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

Wiring Diagram



(1) LED