XB7EV05BP

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

Green Premium™ Product

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
Shape of signaling unit head	Round
Cap/operator or lens colour	Yellow
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: 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
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 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
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

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °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 UL 508 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	18 G
Package 1 Height	3 Cm
Package 1 width	3 Cm
Package 1 Length	5.5 Cm
Unit Type of Package 2	BAG
Number of Units in Package 2	10
Package 2 Weight	184 G
Package 2 Height	6 Cm
Package 2 width	10 Cm
Package 2 Length	15 Cm
Unit Type of Package 3	S01
Number of Units in Package 3	100
Package 3 Weight	2.155 Kg
Package 3 Height	15 Cm
Package 3 width	15 Cm
Package 3 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Decla-ration
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 speci-fic waste collection and never end up in rubbish bins

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Contractual warranty

Warranty	18 months

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Pilot Light with Screw Terminal

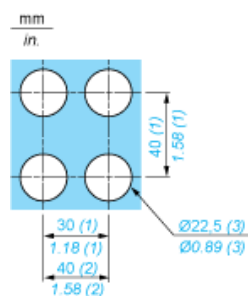## Dimensions
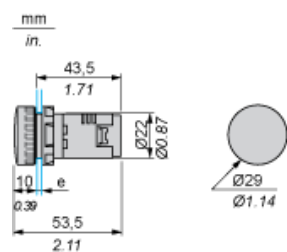
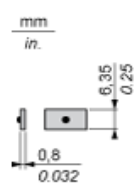e   Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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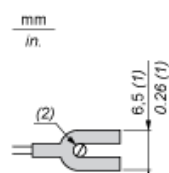
Mounting

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.
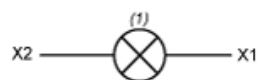
Faston Clip Connection

"U" Type Tag Connection

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

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Wiring Diagram

(1)   LED

Product Life Status :	Commercialised

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