Specifications



Harmony XB7, Monolithic pilot light, plastic, red, Ø22, integral LED, 230...240 V AC

XB7EV04MP

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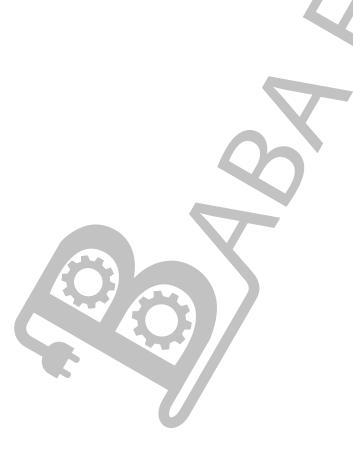
Range of product	Harmony XB7
Product or component type	Pilot light
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Cap/Operator or lens colour	Red
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	230240 V AC 50/60 Hz
Device presentation	Monolithic product

Complementary

Complementary	
Height	29 mm
Width	29 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Product 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	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end conforming to EN/IEC 60947-1
Tightening torque	0.81.2 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
Environment Protective treatment TH Ambient air temperature for storage Ambient air temperature for operation Overvoltage category Class II conforming to IEC 60538 IP degree of protection PROS (total lace) conforming to IEC 60538 IP degree of protection PROS (total lace) conforming to IEC 60539 NEMA degree of protection NEMA 4 conforming to IEC 60539 NEMA 4 conforming to IEC 60589 NEMA 4 conforming to IEC 60589 NEMA 4 conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Shock resistance Sign (*2.500 Hz) conforming to IEC 605882-8 Number of Units in Package 1 Package 1 Weight 19.8 g Package 1 Height 3 on Package 2 Height 7 on Package 2 Height 7 on Package 2 Veight 19 on Package 2 Veight 19 on Package 3 Length 15 on Package 3 Length 15 on Package 3 Height 15 on Package 3 Length 15 on Package 3 Length 16 on Package 3 Length 17 on Package 3 Height 18 on Package 3 Length 19 on Package 3 Height 15 on Package 3 Length 40 on	Supply voltage limits	195264 V AC
Environment Protective treatment Ambient air temperature for storage Arnbient air temperature for operation Overvoltage category Class II conforming to IEC 80538 IP degree of protection IP20 (rear face) conforming to IEC 80529 IP36 (front f	Current consumption	1620 mA
Protective treatment TH Ambient air temperature for storage 4070 °C Annient air temperature for operation Overvoltage category Class I conforming to IEC 80539 IP degree of protection IP20 (rear face) conforming to IEC 80529 IP65 (front face) conforming to IEC 80529 IP66 (front face) conforming to IEC 80529 IP67	Service life	70000 h at rated voltage and 25 °C
Ambient air temperature for storage Ambient air temperature for storage -4070 °C -2570 °C operation Overvoltage category Class II conforming to IEC 69539 IP degree of protection P20 (rear (sep) conforming to IEC 69539 IP degree of protection NEMA degree of protection NEMA degree of protection NEMA 2 conforming to UL 50 E NEMA 12 conforming to UL 50 E NEMA 12 conforming to UL 50 E NEMA 2022 No 14 UL 508 JIS 02671-1 US 02688-2-6	Environment	
Ambient air temperature for operation operation operation operation operation operation operation operation in P20 (rear face) conforming to IEC 60536 IP degree of protection IP20 (rear face) conforming to IEC 60529 NEMA degree of protection NEMA conforming to IEC 60529 NEMA degree of protection NEMA 12 conforming to IEC 60529 NEMA degree of protection NEMA 12 conforming to IEC 60529 NEMA 12 conforming to IEC 60529 NEMA 12 conforming to IEC 60529 Standards ENIEC 60547-51	Protective treatment	тн
Overvoltage category Class II conforming to IEC 68536 IP degree of protection IP degree of protection IP degree of protection NEMA 4 conforming to UL 50 E NEMA 42 conforming to UL 50 E NEMA 42 conforming to UL 50 E NEMA 43 conforming to UL 50 E NEMA 44 conforming to UL 50 E NEMA 45 conforming to UL 50 E NEMA 50 conforming to UL 5		-4070 °C
P degree of protection		-2570 °C
NEMA degree of protection NEMA 4 conforming to UL 50 E Standards ENJEC 60947-1 CSA C322 2 No 14 US 60947-5-1 JIS C8201-1 JIS C8201 JIS C8201-1 JIS C8201-1 JIS C8201-1 JIS C8011-1 JIS C8011-1 JIS	Overvoltage category	Class II conforming to IEC 60536
NEMA 12 conforming to UL 50 E Standards CSA C22.2 No 14 UL 508 JIS C8291-5-1 ENIEC 60947-5-1 JIS C8291-1 JIS C82	IP degree of protection	
CSA C22 2 No 14 UL 058 UIS C8201-5-1 ENNEC 60947-5-1 JIS C8201-1 Vibration resistance 5 gn (#= 2500 Hz) conforming to IEC 60088-2-6 Shock resistance 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 Electromagnetic compatibility Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 Package 1 Weight Package 1 Height Package 1 Height Package 1 Length Package 2 Length Package 2 BAG Number of Units in Package 2 Package 2 Weight Package 2 Height Package 2 Height Package 3 Weight Package 3 Weight Package 3 Weight Package 3 Height Package 3 Length	NEMA degree of protection	
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 65011 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 19.8 g Package 1 Height 3 cm Package 1 Length 5.5 cm Unit Type of Package 2 BAG Number of Units in Package 2 10 Package 2 Weight 7 cm Package 2 Weight 9 cm Package 2 Height 9 cm Package 2 Length 15 cm Unit Type of Package 3 S01 Number of Units in Package 3 100 Package 3 Weight 15 cm Package 3 Weight 15 cm Package 3 Weight 15 cm Package 3 Height 15 cm Package 3 Weight 15 cm Package 3 Length 15 cm Package 3 Length 15 cm	Standards	CSA C22.2 No 14 UL 508 JIS C8201-5-1 EN/IEC 60947-5-1
Electromagnetic compatibility Disturbing field emission class B conforming to EN 55011 Packing Units Unit Type of Package 1 Package 1 Weight Package 1 Height Package 1 Height Package 1 Length Package 1 Length Package 2 BAG Number of Units in Package 2 BAG Number of Units in Package 2 Package 2 Weight Package 2 Weight Package 2 Weight Package 3 Length 40 cm	Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6
Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 19.8 g Package 1 Height 3 cm Package 1 Length 5.5 cm Unit Type of Package 2 BAG Number of Units in Package 2 10 Package 2 Weight 201.0 g Package 2 Weight 7 cm Package 2 Height 9 cm Unit Type of Package 3 S01 Number of Units in Package 3 S01 Number of Units in Package 3 100 Package 3 Weight 2.304 kg Package 3 Weight 15 cm Package 3 Length 40 cm	Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 19.8 g Package 1 Height 3 cm Package 1 Length 5.5 cm Unit Type of Package 2 BAG Number of Units in Package 2 10 Package 2 Weight 201.0 g Package 2 Height 7 cm Package 2 Width 9 cm Unit Type of Package 3 S01 Number of Units in Package 3 100 Package 3 Weight 15 cm	Electromagnetic compatibility	Disturbing field emission class B conforming to EN 55011
Unit Type of Package 1 PCE Number of Units in Package 1 Package 1 Weight Package 1 Height 3 cm Package 1 Length 3 cm Package 1 Length 5.5 cm Unit Type of Package 2 BAG Number of Units in Package 2 Package 2 Weight 7 cm Package 2 Height 9 cm Package 2 Length 15 cm Unit Type of Package 3 S01 Number of Units in Package 3 S01 Package 3 Weight 2.304 kg Package 3 Weight 15 cm Package 3 Length 15 cm		
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Number of Units in Package 2 10 Package 2 Weight 201.0 g Package 2 Height 7 cm Package 2 width 9 cm Package 2 Length 15 cm Unit Type of Package 3 S01 Number of Units in Package 3 100 Package 3 Weight 2.304 kg Package 3 Height 15 cm Package 3 width 15 cm Package 3 Length 40 cm		
Package 2 Weight 201.0 g Package 2 Height 7 cm Package 2 width 9 cm Package 2 Length 15 cm Unit Type of Package 3 S01 Number of Units in Package 3 100 Package 3 Weight 2.304 kg Package 3 Height 15 cm Package 3 width 15 cm Package 3 width 40 cm		
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Package 3 Height 15 cm Package 3 width 15 cm Package 3 Length 40 cm		
Package 3 width 15 cm Package 3 Length 40 cm		
Package 3 Length 40 cm		
Offen Sueteinehilitu	Package 3 Length	40 cm
	Offer Sustainability	

Contractual warranty		
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	
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	
Environmental Disclosure	Product Environmental Profile	
China RoHS Regulation	China RoHS declaration	
RoHS exemption information	Yes	
Mercury free	Yes	
Toxic heavy metal free	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
REACh free of SVHC	Yes	
REACh Regulation	REACh Declaration	



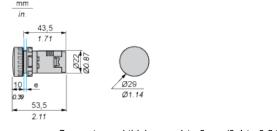
18 months

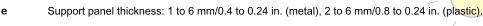
Warranty

Dimensions Drawings

Pilot Light with Screw Terminal

Dimensions



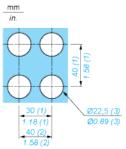


XB7EV04MP

Mounting and Clearance

Mounting

Diameter of Finished Fixing Holes



- (1) (2) (3)



XB7EV04MP

Mounting and Clearance

Faston Clip Connection





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Mounting and Clearance

"U" Type Tag Connection



- (1) (2)



XB7EV04MP

Connections and Schema

Wiring Diagram

