# Product data sheet Characteristics

# XB4BVB4

Pilot light, metal, red, Ø22, plain lens with integral LED, 24 V AC/DC





### Main

IVIAIII		
Range of product	Harmony XB4	
Product or component type	Pilot light	
Device short name	XB4	
Bezel material	Chromium plated metal	
Fixing collar material	Zamak	
Mounting diameter	22 mm	<u>-</u>
Head type	Standard	
Sale per indivisible quantity	1	
Shape of signaling unit head	Round	
Cap/Operator or lens colour	Red	
Operator additional information	With plain lens	
Light source	Protected LED	-
Bulb base	Integral LED	
Light source colour	Red	
[Us] rated supply voltage	24 V AC/DC 50/60 Hz	

#### Complementary

Height	47 mm
Width	30 mm
Depth	54 mm
Terminals description ISO n°1	(X1-X2)PL
Net weight	0.08 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 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
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN 60947-1

[Uimp] rated impulse withstand voltage	4 kV EN 60947-1
Signalling type	Steady
Current consumption	18 mA
Service life	100000 h at rated voltage and 25 °C
Surge withstand	1 kV conforming to IEC 61000-4-5
Device presentation	Complete product
Supply voltage limits	19.230 V DC 21.626.4 V AC

### Environment

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 conforming to IEC 50102
Standards	EN/IEC 60947-5-5 EN/IEC 60947-5-4 JIS C8201-5-1 EN/IEC 60947-5-1 EN/IEC 60947-1 CSA C22.2 No 14 UL 508 JIS C8201-1
Product certifications	CSA UL listed
Vibration resistance	5 gn (f= 12500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

## Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	80 g	
Package 1 Height	3.4 cm	
Package 1 width	5 cm	
Package 1 Length	8.2 cm	

## Offer Sustainability

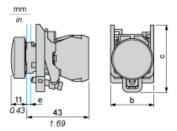
Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	Yes	
China RoHS Regulation	China RoHS declaration	

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	
California proposition 65	ia proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds is known to the State of California to cause cancer and birth defects or other reproductive had more information go to www.P65Warnings.ca.gov	
Contractual warranty		
Warranty	18 months	

# Product data sheet Dimensions Drawings

# XB4BVB4

### Dimensions



e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

b: 30 mm / 1.18 in. c: 46.5 mm / 1.83 in.

## XB4BVB4

## Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
(2)	(5)

- Diameter on finished panel or support
- 40 mm min. / 1.57 in. min.
- 30 mm min. / 1.18 in. min.
- (1) (2) (3) (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm  $_0$   $^{+0.4}$  / 0.88 in.  $_0$   $^{+0.016})$
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.