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Product datasheet

Specifications



Complete pilot light, Harmony XB4, round Ø22 mm, IP65, white, integral LED, 24 V, lugs, ATEX

Local distributor code:

389858478 XB4BVB1EX

EAN Code: 3389118030916

Main

Range of product	Harmony XB4
Product or component type	Complete pilot light
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Head type	Standard
Mounting diameter	22 mm
Sale per indivisible quantity	1
Dust zone	Zone 21 - 22
Operator additional information	With plain lens

Complementary

Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0
Fixing center	>= 30 x 40 mm (support panel)
Embedding depth	43 mm
Marking	Ex tb IIIC
Shape of signaling unit head	Round
Cap/operator or lens colour	White
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
Signalling type	Steady
Light source	Integral LED
Light source colour	White
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Supply voltage limits	19.2…30 V DC 21.6…26.4 V AC
Current consumption	18 mA
Service life	100000 h at rated voltage and 25 °C

Disclaimer: 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

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Surge withstand	1 kV conforming to IEC 61000-4-5

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-20…60 °C
Overvoltage category	I conforming to IEC 60536
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK05 conforming to IEC 50102
Standards	IEC 60079-0:2009 EN 60079-31:2009 IEC 61000-6-2 IEC 60079-0:2007 IEC 60079-31:2008
Directives	94/9/EC - ATEX directive
Product certifications	INERIS 04ATEX9004U
Vibration resistance	5 gn (f= 12…500 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 Height	3.000 cm
Package 1 Width	15.500 cm
Package 1 Length	24.000 cm
Package 1 Weight	92.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.129 kg

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

How this information helps you

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	18
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3d14fd98-3859-4733-a5ee-a3016769973c
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information

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WEEE	 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**
Take-back	**No**

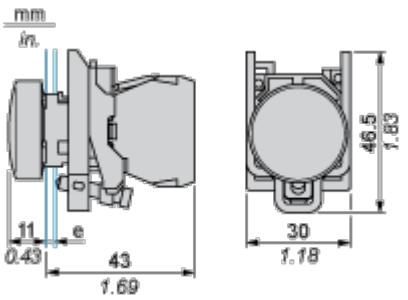
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Dimensions Drawings

Pilot Light



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

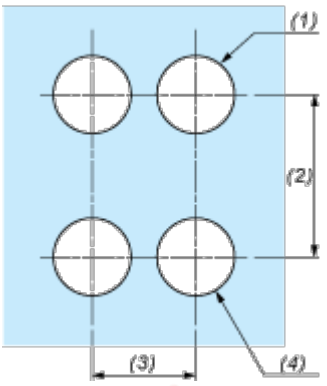
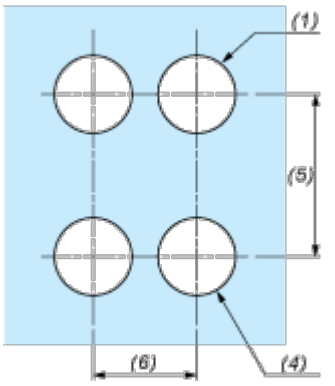
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Mounting and Clearance

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
	

(1) Diameter on finished panel or support

(2) 40 mm min. / 1.57 in. min.

(3) 30 mm min. / 1.18 in. min.

(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.

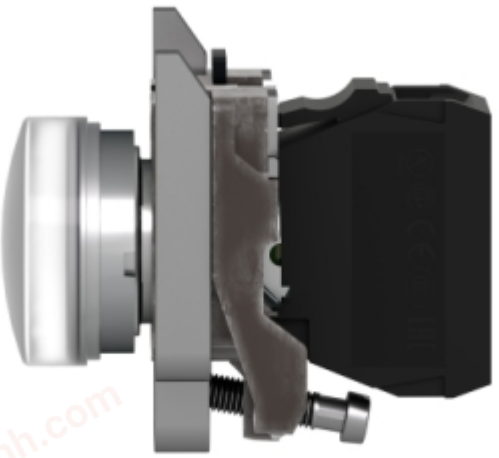
(6) 32 mm min. / 1.26 in. min.

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Image of product / Alternate images

Alternative





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