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# Product data sheet
## Characteristics

# XB4BVBM1GEX
## Complete pilot light, Harmony XB4 - ATEX D, white, integral LED, 24...254V



### 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 |
| Mounting diameter | 22 mm |
| Sale per indivisible quantity | 1 |
| Dust zone | Zone 21 - 22 |
| Gas zone | Zone 1 - 2 |
| Operator additional information | With plain lens |

### Complementary

| | |
|---|---|
| Width | 46.2 mm |
| Height | 30 mm |
| Depth | 69 mm |
| Net weight | 0.083 kg |
| Device mounting | Fixing hole - diameter: 22.5 mm +/- 0.2 mm conforming to IEC 60947-1 |
| Fixing center | >= 30 x 40 mm (support panel) - thickness: 1…6 mm |
| Embedding depth | 58 mm |
| Marking | II 2 GD<br>Ex eb mb IIC Gb<br>Ex tb IIIC Db |
| 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<br>Screw clamp terminals, 1 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| Tightening torque | 0.8…1.2 N.m conforming to IEC 60947-1 |
| Signalling type | Steady |
| Light source | Integral LED |
| Light source colour | White |
| [Us] rated supply voltage | 24...254 V AC/DC |
| Service life | 100000 h |

### Environment

| | |
|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -20…75 °C |
| Overvoltage category | I conforming to IEC 60536 |
| IP degree of protection | IP65 conforming to IEC 60529 |

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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.
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| | |
|---|---|
| Standards | IEC 60079-0:2009<br>IEC 60079-7:2009<br>EN/IEC 60079-18:2009<br>IEC 60079-31:2009<br>UL 60079-0<br>UL 60079-18<br>UL 60079-31<br>ANSI/ISA 12.12.01<br>CSA C22.2 No 213 |
| Product certifications | INERIS 04ATEX9003U |

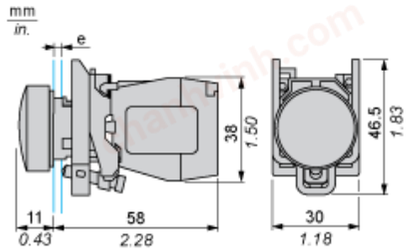
## Offer Sustainability

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

# Product data sheet
## Dimensions Drawings

XB4BVBM1GEX

## Dimensions




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

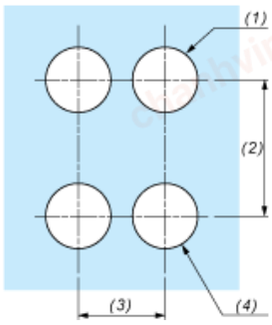
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# Product data sheet
## Mounting and Clearance

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

### Connection by Screw Clamp Terminals




(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. $_{0}^{+0.016}$)


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