

Product data sheet

Specifications



Push to test pilot light, Harmony
XB4, Explosive atmosphere,
24...254V, Red

XB4BW24BM5GEX

Main

| | |
|---------------------------|--------------------------|
| Range of product | Harmony XB4 |
| Product or component type | Push-to-test pilot light |
| Device short name | XB4 |
| Bezel material | Chromium plated metal |

Complementary

| | |
|---------------------------------|---|
| Fixing collar material | Zamak |
| Mounting diameter | 22 mm |
| Sale per indivisible quantity | 1 |
| Height | 30 mm |
| Width | 46.2 mm |
| Depth | 72 mm |
| Product weight | 0.117 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 Ex db eb mb IIC Gb Ex tb IIIC Db |
| Shape of signalling unit head | Round |
| Cap/operator or lens colour | Red |
| Operator additional information | Booted (clear silicon) |
| Contacts type and composition | 1 NO |
| Contact operation | Slow-break |
| Positive opening | Without |
| Operating travel | 1.657 mm (engagement point) 4.622 mm (changing state point) 4.452 mm (total travel) |
| Operating force | 3.962 N |
| Mechanical durability | 5000000 cycles |
| Connections - terminals | Screw clamp terminals, 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm ² without cable end conforming to IEC 60947-1 |
| Tightening torque | 0.8...1.2 N.m conforming to IEC 60947-1 |
| [Ui] rated insulation voltage | 415 V |

| | |
|--|--|
| [I _{th}] conventional free air thermal current | 10 A conforming to IEC 60947-5-1 |
| [I _e] rated operational current | 1.9 A at 380 V, AC, A600 conforming to IEC 60947-5-1 3 A at 240 V, AC, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC, Q300 conforming to IEC 60947-5-1 0.55 A at 125 V, DC, Q300 conforming to IEC 60947-5-1 2.87 A at 24 V, DC, Q300 conforming to IEC 60947-5-1 |
| Signalling type | Steady |
| Light source | Integral LED |
| [U _s] rated supply voltage | 24...254 V AC/DC |
| Current consumption | 2...10 mA |
| 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 | IP66 conforming to IEC 60529 |
| Standards | IEC 60079-0:2009 IEC 60079-7:2009 EN/IEC 60079-18:2009 IEC 60079-31:2009 UL 60079-0 UL 60079-18 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213 |
| Product certifications | INERIS 04ATEX9004U |
| Dust zone | Zone 21 - 22 |
| Gas zone | Zone 1 - 2 |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.200 cm |
| Package 1 Width | 3.000 cm |
| Package 1 Length | 4.600 cm |
| Package 1 Weight | 126.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 2.781 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 320 |

| | |
|------------------|------------|
| Package 3 Height | 45.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 56.481 kg |



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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 3

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 425812e5-011f-4fb4-ad1b-fc9cf9865300

REACH Regulation [REACH Declaration](#)

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](#)

Use Again

Repack and remanufacture

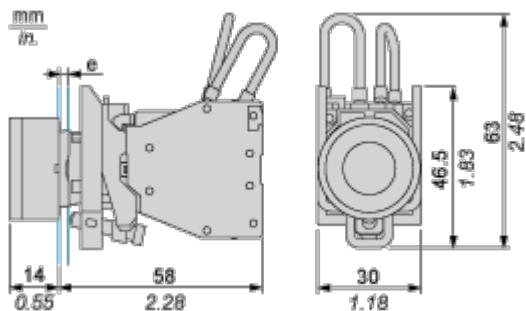
End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

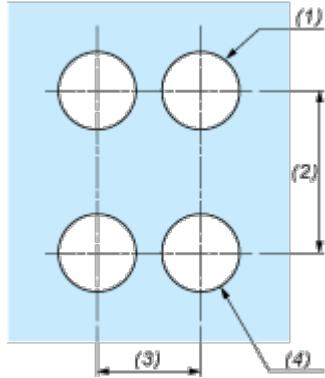
Dimensions Drawings

Dimensions



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

Mounting and Clearance

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 ($\text{Ø } 22.3 \text{ mm } 0^{+0.4} / 0.88 \text{ in. } 0^{+0.016}$)

Technical Illustration

Dimensions

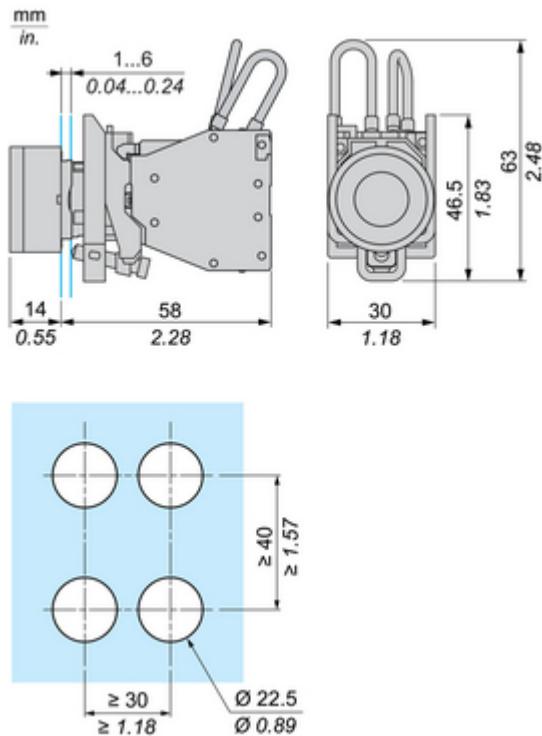


Image of product in real life situation

