

# XB4BP21GEX

Complete push button. Harmony XB4.  
Explosive atmosphere. pushbutton black with boot



## Main

|                                 |                        |
|---------------------------------|------------------------|
| Range of product                | Harmony XB4            |
| Product or component type       | Complete push-button   |
| 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             |
| Type of operator                | Spring return          |
| Operator profile                | Black projecting       |
| Operator additional information | Booted (clear silicon) |
| Contacts type and composition   | 1 NO                   |

## Complementary

|   |  |
|---|--|
| Width                                       | 46.2 mm  |
| Height                                      | 30 mm  |
| Depth                                       | 72 mm  |
| Net weight                                  | 0.089 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                                     | Ex tb IIIC Db<br>Ex db eb IIC Gb<br>II 2 GD  |
| Shape of signaling unit head                | Round  |
| Contact operation                           | Slow-break   |
| Positive opening                            | Without  |
| Operating travel                            | 1.657 Mm (engagement point)<br>4.622 Mm (changing state point)<br>4.452 mm (total travel)  |
| Operating force                             | 3.962 N  |
| Mechanical durability                       | 5000000 cycles   |
| Connections - terminals                     | Screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1<br>Screw clamp terminals, 1 x 2.5 mm <sup>2</sup> without cable end conforming to IEC 60947-1  |
| Tightening torque                           | 0.8...1.2 N.m conforming to IEC 60947-1  |
| [Ith] conventional free air thermal current | 10 A conforming to IEC 60947-5-1   |
| [Ui] rated insulation voltage               | 415 V  |
| [Ie] rated operational current              | 1.9 A at 380 V, AC, A600 conforming to IEC 60947-5-1<br>3 A at 240 V, AC, A600 conforming to IEC 60947-5-1<br>6 A at 120 V, AC, A600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC, Q300 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC, Q300 conforming to IEC 60947-5-1<br>2.87 A at 24 V, DC, Q300 conforming to IEC 60947-5-1 |

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## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -20...75 °C  |
| IP degree of protection               | IP66 conforming to IEC 60529   |
| Standards                             | IEC 60079-0:2009<br>EN/IEC 60079-1:2009<br>IEC 60079-7:2009<br>IEC 60079-31:2009<br>UL 60079-0<br>UL 60079-1<br>UL 60079-31<br>ANSI/ISA 12.12.01<br>CSA C22.2 No 213 |
| Product certifications                | INERIS 04ATEX9004U   |

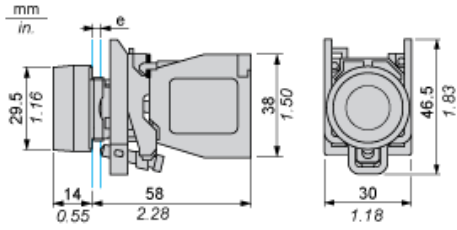
## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 2.8 cm  |
| Package 1 Width              | 4.5 cm  |
| Package 1 Length             | 7.5 cm  |
| Package 1 Weight             | 108.0 g |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                              |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions



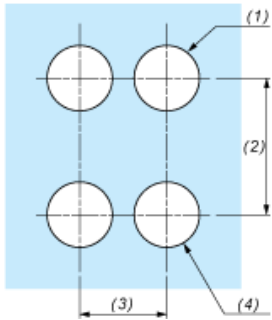
e : support thickness: 1 to 6 mm / 0.04 to 0.24 in.

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

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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)  $\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})$