



Main

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|---------------------------------|----------------------------------|
| Range of product | Harmony XB4 |
| Product or component type | Complete illuminated 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 | Red flush |
| Operator additional information | Booted (clear silicon) |
| Contacts type and composition | 1 NO + 1 NO |

Complementary

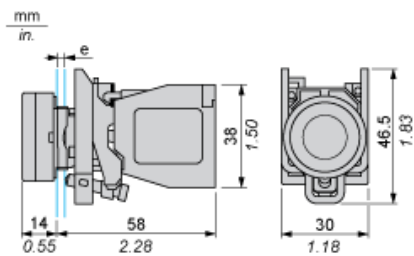
| | |
|------------------------------|---|
| Width | 46.2 mm |
| Height | 30 mm |
| Depth | 72 mm |
| Product weight | 0.127 kg |
| Device mounting | Fixing hole \varnothing 22.5 mm (+/- 0.2 mm) conforming to EN/IEC 60947-1 |
| Fixing center | \geq 30 x 40 mm on support panel : 1...6 mm |
| Embedding depth | 58 mm |
| Marking | Ex tb IIIC Db II 2 GD Ex db eb mb IIC Gb |
| Shape of signaling unit head | Round |
| 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 |

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|--|--|
| Mechanical durability | 5000000 cycles |
| Connections - terminals | Screw clamp terminals, clamping capacity: 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, clamping capacity: 1 x 2.5 mm ² without cable end conforming to EN/IEC 60947-1 |
| Tightening torque | 0.8...1.2 N.m conforming to EN 60947-1 |
| [I _{th}] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 415 V |
| [I _e] rated operational current | 1.9 A at 380 V AC, A600 conforming to EN/IEC 60947-5-1 3 A at 240 V AC, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC, A600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V DC, Q300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V DC, Q300 conforming to EN/IEC 60947-5-1 2.87 A at 24 V DC, Q300 conforming to EN/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 | CSA C22.2 No 213 EN/IEC 60079-0 : 2009 EN/IEC 60079-7 : 2009 EN/IEC 60079-31 : 2009 UL 60079-0 UL 60079-31 ANSI/ISA 12.12.01 EN/IEC 60079-18 : 2009 UL 60079-18 |
| Product certifications | INERIS 04ATEX9004U |

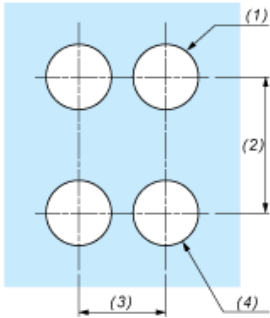
Dimensions



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

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