



## Main

|                               |  |
|-------------------------------|--|
| Product or component type     | Push-button  |
| Device short name             | XB4  |
| Bezel material                | Chromium plated metal  |
| Fixing collar material        | Zamak  |
| Mounting diameter             | 22.5 mm  |
| Sale per indivisible quantity | 1  |
| Shape of signaling unit head  | Round  |
| Type of operator              | Spring return  |
| Operator profile              | Red flush, unmarked  |
| Head type                     | Standard   |
| Contacts type and composition | 1 NO + 1 NC  |
| Contact operation             | Slow-break   |
| Connections - terminals       | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1<br>Screw clamp terminals, $1 \times 0.22 \dots 2 \times 2.5 \text{ mm}^2$ without cable end conforming to IEC 60947-1 |

## Complementary

|   |  |
|---|--|
| Height                                      | 47 mm  |
| Width                                       | 30 mm  |
| Depth                                       | 52 mm  |
| Terminals description ISO n°1               | (13-14)NO  |
| Net weight                                  | 0.08 kg  |
| Resistance to high pressure washer          | 7000000 Pa at 55 °C, distance : 0.1 m  |
| Contacts usage                              | Standard contacts  |
| Positive opening                            | Without  |
| Operating travel                            | 2.6 Mm (NO changing electrical state)<br>4.3 mm (total travel)   |
| Operating force                             | 3.8 N NO changing electrical state   |
| Mechanical durability                       | 10000000 cycles  |
| Tightening torque                           | 0.8...1.2 N.m conforming to IEC 60947-1  |
| Shape of screw head                         | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver  |
| Contacts material                           | Silver alloy (Ag/Ni)   |
| Short-circuit protection                    | 10 A cartridge fuse type gG conforming to IEC 60947-5-1  |
| [Ith] conventional free air thermal current | 10 A conforming to IEC 60947-5-1   |
| [Ui] rated insulation voltage               | 600 V (pollution degree 3) conforming to IEC 60947-1   |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to IEC 60947-1   |
| [Ie] rated operational current              | 3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1 |

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|                        |  |
|------------------------|--|
| Electrical durability  | 1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Electrical reliability | $\Lambda < 10\exp(-6)$ at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4  |
| Device presentation    | Complete product   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -40...70 °C  |
| Overvoltage category                  | Class I conforming to IEC 60536  |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP69 conforming to IEC 60529<br>IP69K conforming to IEC 60529  |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X   |
| IK degree of protection               | IK06 conforming to IEC 50102   |
| Standards                             | IEC 60947-1<br>IEC 60947-5-4<br>JIS C8201-5-1<br>IEC 60947-5-1<br>IEC 60947-5-5<br>UL 508<br>CSA C22.2 No 14<br>JIS C8201-1  |
| Product certifications                | GL[RETURN]UL listed[RETURN]CSA[RETURN]LROS (Lloyds register of shipping)[RETURN]DNV[RETURN]BV  |
| Vibration resistance                  | 5 gn (f= 2...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<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 3.500 cm  |
| Package 1 Width              | 5.400 cm  |
| Package 1 Length             | 8.800 cm  |
| Package 1 Weight             | 88 g      |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 100       |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 9.304 kg  |

## 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 |