



## Main

|                               |                                  |
|-------------------------------|----------------------------------|
| Range of product              | Harmony XB7                      |
| Product or component type     | Illuminated push-button          |
| Device short name             | XB7                              |
| Mounting diameter             | 22 mm                            |
| Sale per indivisible quantity | 10                               |
| Light source                  | Incandescent (bulb not included) |
| Device presentation           | Monolithic product               |

## Complementary






|  |   |
|--|---|
| Height                                 | 29 mm   |
| Width                                  | 29 mm   |
| Depth                                  | 71 mm   |
| Terminals description ISO n°1          | (13-14)NO   |
| Net weight                             | 0.02 kg   |
| Device mounting                        | Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-1  |
| Fixing center                          | >= 30 x 40 mm (support panel) metal - thickness: 1...6 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm  |
| Fixing mode                            | Fixing nut beneath head: 2...2.4 N.m  |
| Shape of signaling unit head           | Round   |
| Type of operator                       | Spring return   |
| Operator profile                       | Yellow projecting, unmarked   |
| Contacts type and composition          | 1 NO  |
| Contact operation                      | Slow-break  |
| Positive opening                       | Without   |
| Mechanical durability                  | 300000 cycles   |
| Connections - terminals                | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.34...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1   |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 60947-1  |
| Shape of screw head                    | Cross compatible with JIS No 1 screwdriver<br>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 |
| Short-circuit protection               | 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1   |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to EN/IEC 60947-1   |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-1   |
| [Ie] rated operational current         | 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1<br>0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1   |

|                           |   |
|---------------------------|---|
| Electrical durability     | 1000000 Cycles, DC-13, 0.3 A at 24 V, operating rate <216000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 0.03 A at 230 V, operating rate <216000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 0.09 A at 240 V, operating rate <108000 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability    | $\Lambda \leq 10\exp(-6)$ at 17 V and 5 mA conforming to EN/IEC 60947-5-4   |
| Signalling type           | Steady  |
| Bulb base                 | BA 9s   |
| [Us] rated supply voltage | $\leq 250$ V  |
| Service life              | 2000 h at rated voltage and 25 °C   |
| Compatibility code        | XB7   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Protective treatment                  | TH   |
| Ambient air temperature for storage   | -40...70 °C  |
| Ambient air temperature for operation | -25...55 °C  |
| Electrical shock protection class     | Class II conforming to IEC 61140   |
| IP degree of protection               | IP20 (rear face) conforming to IEC 60529<br>IP54 (front face) conforming to IEC 60529  |
| NEMA degree of protection             | NEMA 12  |
| Standards                             | EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-5-1<br>EN/IEC 60947-1<br>JIS C8201-1  |
| Vibration resistance                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                      | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Electromagnetic emission              | Class B conforming to EN 55011   |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| REACH Regulation           |  <a href="#">REACH Declaration</a>  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)   |
| 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  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|