



## Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of product              | Harmony XB6              |
| Product or component type     | Complete selector switch |
| Device short name             | XB6                      |
| Bezel material                | Plastic                  |
| Mounting diameter             | 16 mm                    |
| Sale per indivisible quantity | 1                        |
| Operating position            | Any position             |
| Shape of signaling unit head  | Rectangular              |
| Type of operator              | Stay put                 |
| Operator profile              | Black standard handle    |
| Operator position information | 2 positions 60°          |
| Contacts type and composition | 1 NO + 1 NC              |
| Contact operation             | Slow-break               |

## Complementary

|                                        |                                                                                                                                                                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                 | 18 mm                                                                                                                                                                                                                                               |
| Width                                  | 24 mm                                                                                                                                                                                                                                               |
| Depth                                  | 68 mm                                                                                                                                                                                                                                               |
| Terminals description ISO n°1          | (13-14)NO                                                                                                                                                                                                                                           |
| Net weight                             | 0.021 kg                                                                                                                                                                                                                                            |
| Positive opening                       | With conforming to EN/IEC 60947-5-1 appendix K                                                                                                                                                                                                      |
| Mechanical durability                  | 500000 cycles                                                                                                                                                                                                                                       |
| Connections - terminals                | Faston connectors, connection size: 2.8 x 0.5 mm                                                                                                                                                                                                    |
| Contacts material                      | Silver alloy (Ag/Ni)                                                                                                                                                                                                                                |
| Short-circuit protection               | 6 A cartridge fuse type gG                                                                                                                                                                                                                          |
| [Ui] rated insulation voltage          | 250 V (pollution degree 3) conforming to EN/IEC 60947-1                                                                                                                                                                                             |
| [Uimp] rated impulse withstand voltage | EN/IEC 60947-1 4 kV                                                                                                                                                                                                                                 |
| [Ie] rated operational current         | 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1<br>1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1<br>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 |
| Electrical durability                  | 1000000 Cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C    |
| Electrical reliability                 | $\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to EN 60947-5-4                                                                                                                                                     |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Protective treatment                  | TC                               |
| Ambient air temperature for storage   | -40...70 °C                      |
| Ambient air temperature for operation | -25...70 °C                      |
| Electrical shock protection class     | Class II conforming to IEC 61140 |
| IP degree of protection               | IP65 conforming to IEC 60529     |

|                           |                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NEMA degree of protection | NEMA 13 conforming to UL 50<br>NEMA 4 conforming to UL 50<br>NEMA 4X conforming to UL 50<br>NEMA 13 conforming to CSA C22.2 No 94<br>NEMA 4 conforming to CSA C22.2 No 94<br>NEMA 4X conforming to CSA C22.2 No 94 |
| Standards                 | EN/IEC 60947-5-5<br>JIS C8201-5-1<br>EN/IEC 60947-1<br>JIS C 852<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-1                                                                                   |
| Product certifications    | UL<br>CCC<br>CSA<br>GOST                                                                                                                                                                                           |
| Vibration resistance      | +/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6<br>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 Weight             | 14.7 g   |
| Package 1 Height             | 1.8 cm   |
| Package 1 width              | 4.8 cm   |
| Package 1 Length             | 7.2 cm   |
| Unit Type of Package 2       | BAG      |
| Number of Units in Package 2 | 1        |
| Package 2 Weight             | 14 g     |
| Package 2 Height             | 2 cm     |
| Package 2 width              | 11 cm    |
| Package 2 Length             | 16 cm    |
| Unit Type of Package 3       | S01      |
| Number of Units in Package 3 | 60       |
| Package 3 Weight             | 1.024 kg |
| Package 3 Height             | 15 cm    |
| Package 3 width              | 15 cm    |
| Package 3 Length             | 40 cm    |

## 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                                                                                                                                                                                  |
| RoHS exemption information |  <a href="#">Yes</a>                                                                              |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</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                                                          |

Contractual warranty

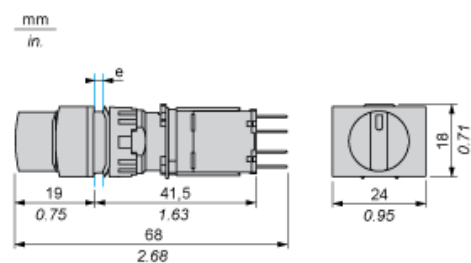
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

---

Rectangular Head Selector Switch, Standard Handle

---

Dimensions



e panel thickness 1 to 6 mm/0.03 to 0.23 in.

---

## Panel Cut-out

---

### For Rectangular Head

