



## Main

|                               |                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4                                                                                                                                    |
| Product or component type     | Selector switch                                                                                                                                |
| Device short name             | XB4F                                                                                                                                           |
| Bezel material                | Chromium plated metal                                                                                                                          |
| Fixing collar material        | Zamak                                                                                                                                          |
| Mounting diameter             | 1.20 in (30.5 mm)                                                                                                                              |
| Sale per indivisible quantity | 1                                                                                                                                              |
| Head type                     | Built-in-flush                                                                                                                                 |
| Shape of signaling unit head  | Round                                                                                                                                          |
| Type of operator              | Stay put                                                                                                                                       |
| Operator profile              | Black long handle                                                                                                                              |
| Operator position information | 3 positions +/- 45°                                                                                                                            |
| Contacts type and composition | 2 NO                                                                                                                                           |
| Contact operation             | Slow-break                                                                                                                                     |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN/IEC 60947-1 |

## Complementary

|                                             |                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Maximum Height                              | 1.97 in (50 mm)                                                                           |
| Maximum Width                               | 1.44 in (36.6 mm)                                                                         |
| Maximum Depth                               | 2.76 in (70 mm)                                                                           |
| Terminals description ISO n°1               | (13-14)NO<br>(23-24)NO                                                                    |
| Net Weight                                  | 0.23 lb(US) (0.105 kg)                                                                    |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                             |
| Device mounting                             | Built-in                                                                                  |
| Fixing center                               | 40 x 50 mm 1...6 mm thick panel)                                                          |
| Fixing mode                                 | By screws                                                                                 |
| Contacts usage                              | Standard contacts                                                                         |
| Positive opening                            | Without                                                                                   |
| Torque value                                | 1.24 lbf.in (0.14 N.m) NO changing electrical state                                       |
| Mechanical durability                       | 1000000 cycles                                                                            |
| Tightening torque                           | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1                                            |
| Shape of screw head                         | Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                      |
| Short-circuit protection                    | 10 A cartridge fuse gG EN/IEC 60947-5-1                                                   |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1                                                                     |
| [Ui] rated insulation voltage               | 600 V 3)EN 60947-1                                                                        |
| [Uimp] rated impulse withstand voltage      | 6 kV EN 60947-1                                                                           |

|                                |                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1                                                                                                              |
| Electrical durability          | 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C |
| Electrical reliability         | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4                                                                                                                                                                                                                                       |
| Device presentation            | Complete product                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                       |                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                        |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                                                                |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C)                                                                                                                                                |
| Overvoltage category                  | Class I IEC 60536                                                                                                                                                         |
| IP degree of protection               | IP66 IEC 60529<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653<br>Type 13 UL 50 E<br>Type 12 UL 50 E<br>Type 4 UL 50 E<br>Type 4X UL 50 E                          |
| IK degree of protection               | IK06 IEC 50102                                                                                                                                                            |
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>UL 508<br>EN/IEC 60947-1<br>JIS C8201-5-1<br>CE<br>JIS C8201-1                                                 |
| Product certifications                | UL Listed<br>CSA<br>CCC<br>EAC                                                                                                                                            |
| Vibration resistance                  | 5 gn 10...500 Hz)IEC 60068-2-6<br>2 mm peak to peak 2...10 Hz)IEC 60068-2-6                                                                                               |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27<br>25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

## Ordering and shipping details

|                       |                 |
|-----------------------|-----------------|
| Nbr. of units in pkg. | 1               |
| Package weight(Lbs)   | 5.08 oz (144 g) |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Package 1 Height             | 1.69 in (4.3 cm)      |
| Package 1 width              | 2.05 in (5.2 cm)      |
| Package 1 Length             | 3.39 in (8.6 cm)      |
| Unit Type of Package 2       | BB1                   |
| Number of Units in Package 2 | 5                     |
| Package 2 Weight             | 3.79 lb(US) (1.72 kg) |
| Package 2 Height             | 1.69 in (4.3 cm)      |
| Package 2 width              | 3.39 in (8.6 cm)      |
| Package 2 Length             | 10.43 in (26.5 cm)    |
| Unit Type of Package 3       | S02                   |
| Number of Units in Package 3 | 40                    |

|                  |                        |
|------------------|------------------------|
| Package 3 Weight | 13.36 lb(US) (6.06 kg) |
| Package 3 Height | 5.91 in (15 cm)        |
| Package 3 width  | 11.81 in (30 cm)       |
| Package 3 Length | 15.75 in (40 cm)       |

### Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| 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 |
|----------|-----------|