

## Product data sheet

### Characteristics

# XB4FJ33

Harmony XB4, Selector switch flush mounted, metal, black, Ø30, long handle, 3 positions, stay put, 2 NO

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\* : 68.30 USD



### 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 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end EN/IEC 60947-1 |

### Complementary

|                               |                        |
|-------------------------------|------------------------|
| Height                        | 1.97 in (50 mm)        |
| Width                         | 1.44 in (36.6 mm)      |
| Depth                         | 2.76 in (70 mm)        |
| Terminals description ISO n°1 | (13-14)NO<br>(23-24)NO |
| Product Weight                | 0.23 lb(US) (0.105 kg) |

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Sep 29, 2021

|                                             |                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 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 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 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 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                                                                                                                                                                           |

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

|                       |                                     |
|-----------------------|-------------------------------------|
| Category              | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule     | CS2                                 |
| GTIN                  | 3606489580261                       |
| Nbr. of units in pkg. | 1                                   |
| Package weight(Lbs)   | 4.59 oz (130 g)                     |
| Returnability         | Yes                                 |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 3.39 in (8.6 cm)       |
| Package 1 width              | 2.05 in (5.2 cm)       |
| Package 1 Length             | 1.69 in (4.3 cm)       |
| Unit Type of Package 2       | BB1                    |
| Number of Units in Package 2 | 5                      |
| Package 2 Weight             | 23.03 oz (653 g)       |
| 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             | 12.30 lb(US) (5.58 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)       |

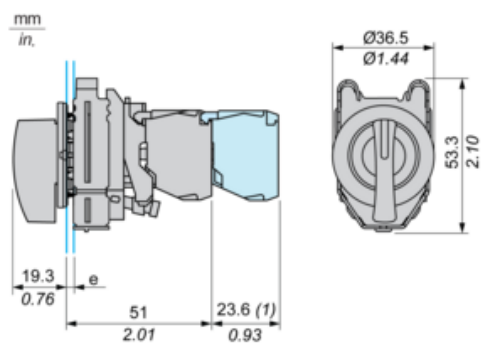
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                 |
| California proposition 65  | WARNING: This product can expose you to chemicals including: 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> |
| 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)<br><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 |
|----------|-----------|

## Dimensions

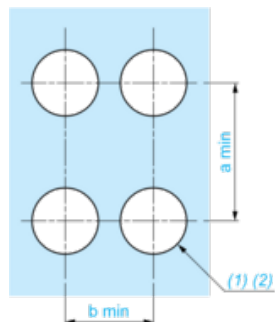


e : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

(1) : Additional row of contacts

## Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

### Connection by Screw Clamp Terminals or Plug-in Connectors



(1) : Diameter on finished panel or support

(2) :  $\varnothing 30.75$  mm recommended ( $\varnothing 30.5^{+0.5}_0$ ) /  $\varnothing 1.21$  in. recommended ( $\varnothing 1.20^{+0.0196}_0$  in.)

| Connections                                 | a in mm | a in in. | b in mm | b in in. |
|---------------------------------------------|---------|----------|---------|----------|
| By connectors                               | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF32 | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF33 | 60      | 2.36     | 40      | 1.57     |