

## Product data sheet

### Characteristics

# XB5FA4322C0

flush mounted red flush caps pb wh marked "O"  
1NC screw clamp cp grey

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

Price\* : 26.64 USD



### Main

|                               |                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB5                                                                                                                                                                                 |
| Product or component type     | Push-button                                                                                                                                                                                 |
| Device short name             | XB5F                                                                                                                                                                                        |
| Product compatibility         | ZBYF2101<br>ZBYF4101<br>ZBYF6101<br>ZBYF6102<br>ZBZF32<br>ZBZF33<br>ZB4FBZ007                                                                                                               |
| Bezel material                | Plastic colour plated grey                                                                                                                                                                  |
| Head type                     | Built-in-flush                                                                                                                                                                              |
| Fixing collar material        | Plastic                                                                                                                                                                                     |
| Mounting diameter             | 1.20 in (30.5 mm)                                                                                                                                                                           |
| Sale per indivisible quantity | 1                                                                                                                                                                                           |
| Shape of signaling unit head  | Round                                                                                                                                                                                       |
| Type of operator              | spring return                                                                                                                                                                               |
| Operator profile              | Red flush, O white)                                                                                                                                                                         |
| Contacts type and composition | 1 NC                                                                                                                                                                                        |
| 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...2 x 2.5 mm <sup>2</sup> without cable end EN/IEC 60947-1 |

### Complementary

|                                    |                                               |
|------------------------------------|-----------------------------------------------|
| Height                             | 1.65 in (42 mm)                               |
| Width                              | 1.44 in (36.6 mm)                             |
| Depth                              | 2.17 in (55 mm)                               |
| Terminals description ISO n°1      | (21-22)NC                                     |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m |
| Contacts usage                     | Standard contacts                             |
| Positive opening                   | With EN/IEC 60947-5-1 appendix K              |

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

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|                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating travel                            | 0.06 in (1.5 mm) NC changing electrical state<br>0.17 in (4.3 mm) total travel)                                                                                                                                                                                                                                                                                                                      |
| Operating force                             | 3.5 N NC changing electrical state                                                                                                                                                                                                                                                                                                                                                                   |
| Mechanical durability                       | 10000000 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/IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                               |
| [Uimp] rated impulse withstand voltage      | 6 kV EN/IEC 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/IEC 60947-5-1 appendix C<br>1000000 cycles AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 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                                                                                                                                                                                                                                                                                                                                                                                     |
| Customizable                                | Yes                                                                                                                                                                                                                                                                                                                                                                                                  |
| Customizable                                | 1                                                                                                                                                                                                                                                                                                                                                                                                    |
| GCR BRIDGE                                  | XB5FACUST02                                                                                                                                                                                                                                                                                                                                                                                          |
| Compatibility code                          | XB5                                                                                                                                                                                                                                                                                                                                                                                                  |

## 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 II IEC 60536                                                                                                                                                        |
| IP degree of protection               | IP66 IEC 60529<br>IP67                                                                                                                                                    |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                        |
| IK degree of protection               | IK03 IEC 50102                                                                                                                                                            |
| Product certifications                | UL Listed<br>CSA                                                                                                                                                          |
| Vibration resistance                  | 5 gn 2...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

|                       |                                       |
|-----------------------|---------------------------------------|
| Category              | 22467 - PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule     | CS2                                   |
| GTIN                  | 03606489760397                        |
| Nbr. of units in pkg. | 1                                     |
| Package weight(Lbs)   | 1.52 oz (43 g)                        |

|               |    |
|---------------|----|
| Returnability | No |
|---------------|----|

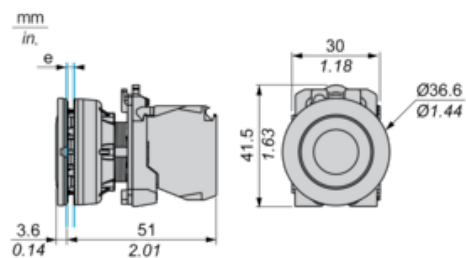
### Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 3.39 in (8.6 cm) |
| Package 1 width        | 1.69 in (4.3 cm) |
| Package 1 Length       | 2.05 in (5.2 cm) |

### Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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>                                                                                       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

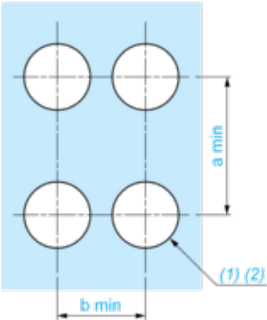
## Dimensions



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

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) Ø30.75 mm recommended ( $\text{Ø}30.5^{+0.5}_0$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20^{+0.0196}_0$  in.)

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 40      | 1.57     |
| By Faston connectors                          | 45      | 1.77     | 40      | 1.57     |

Electrical Composition Corresponding to Code C1



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Electrical Composition Corresponding to Code C2

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Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1





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Electrical Composition Corresponding to Code C15

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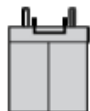
1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

Single contact



Double contact



Light block



Possible location

