

## ZB5FD4C0

Harmony XB5, Flush mounted selector switch head, plastic, black, Ø30, 2 positions, spring return right to left, grey bezel



### Main

|                               |                             |
|-------------------------------|-----------------------------|
| Range of Product              | Harmony XB5                 |
| Product or Component Type     | Head for selector switch    |
| Device short name             | ZB5                         |
| Bezel material                | Plastic colour plated grey  |
| Mounting diameter             | 1.20 in (30.5 mm)           |
| Head type                     | Built-in-flush              |
| Sale per indivisible quantity | 1                           |
| Shape of signaling unit head  | Round                       |
| Type of operator              | Right to left spring return |
| Operator profile              | Black standard handle       |
| Operator position information | 2 positions 90°             |

### Complementary

|                             |                                                                                                                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width           | 1.46 in (37 mm)                                                                                                                                                                                                                                                                                                |
| CAD overall height          | 1.46 in (37 mm)                                                                                                                                                                                                                                                                                                |
| CAD overall depth           | 1.81 in (46 mm)                                                                                                                                                                                                                                                                                                |
| Net Weight                  | 0.07 lb(US) (0.031 kg)                                                                                                                                                                                                                                                                                         |
| Mechanical durability       | 1000000 cycles                                                                                                                                                                                                                                                                                                 |
| Electrical composition code | C3 6 single front mounting<br>C4 6 single and double front mounting<br>C5 5 single front mounting<br>C6 5 single and double front mounting<br>C7 4 single front mounting<br>C8 4 single and double front mounting<br>C11 3 single front mounting<br>C15 1 single front mounting<br>SF1 3 single front mounting |
| Device presentation         | Basic element                                                                                                                                                                                                                                                                                                  |

### 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 IEC 60529                                                                                    |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                  |
| Resistance to high pressure washer    | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                       |
| IK degree of protection               | IK03 IEC 50102                                                                                                      |
| Standards                             | UL 508<br>JIS C8201-5-1<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>JIS C8201-1 |

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Product Certifications | UL Listed<br>DNV<br>LROS (Lloyds register of shipping)<br>GL<br>CSA<br>BV                                          |
| Vibration resistance   | 5 gn 2...500 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 |

## Ordering and shipping details

|                   |                                     |
|-------------------|-------------------------------------|
| Category          | 22467-PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule | CS2                                 |
| GTIN              | 3606489771782                       |
| Returnability     | No                                  |

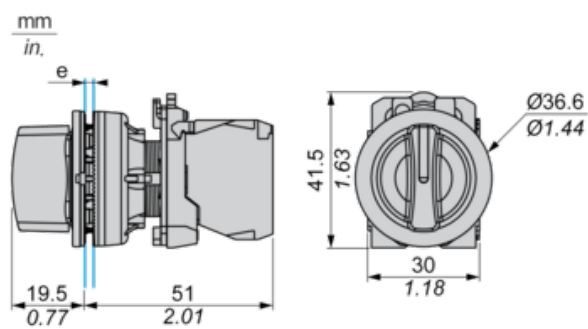
## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 2.15 in (5.45 cm) |
| Package 1 Width              | 1.69 in (4.3 cm)  |
| Package 1 Length             | 2.05 in (5.2 cm)  |
| Package 1 Weight             | 0.78 oz (22.0 g)  |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                        |
| Toxic heavy metal free     | Yes                                                                                                                                                                                                                                                                                   |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                   |

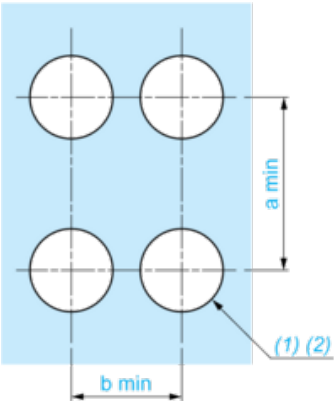
## Dimensions



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

| 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     |

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Electrical Composition Corresponding to Code C3

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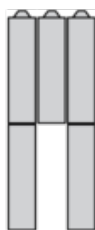
Electrical Composition Corresponding to Code C4

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Electrical Composition Corresponding to Code C5

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Electrical Composition Corresponding to Code C6

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Electrical Composition Corresponding to Code C7

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## Electrical Composition Corresponding to Code C8

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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

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Single contact

Double contact

Light block

Possible location



## Sequence of Contacts Fitted to 2-position Selector Switch Body

### Position 315°



|          |                                                                                     |                                                                                     |                                                                                     |        |      |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|------|
| Push     | Position                                                                            | Top                                                                                 |                                                                                     |        |      |
| Bottom   |  |  |  |        |      |
| Location |                                                                                     | Left                                                                                | Centre                                                                              | Right  |      |
| State    |                                                                                     | 0                                                                                   | 0                                                                                   | 0      |      |
| Contacts | N/O                                                                                 |                                                                                     | open                                                                                | open   | open |
| N/C      |                                                                                     | closed                                                                              | closed                                                                              | closed |      |

### Position 45°



|          |                                                                                     |      |        |        |        |
|----------|-------------------------------------------------------------------------------------|------|--------|--------|--------|
| Push     | Position                                                                            | Top  |        |        |        |
| Bottom   |  |      |        |        |        |
| Location |                                                                                     | Left | Centre | Right  |        |
| State    |                                                                                     | 1    | 1      | 1      |        |
| Contacts | N/O                                                                                 |      | closed | closed | closed |
| N/C      |                                                                                     | open | open   | open   |        |