

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



### Main

|                               |                          |
|-------------------------------|--------------------------|
| Range of product              | Harmony XB5              |
| Product or component type     | Head for selector switch |
| Device short name             | ZB5                      |
| Bezel material                | Dark grey plastic        |
| Mounting diameter             | 1.18 in (30 mm)          |
| Head type                     | Built-in-flush           |
| Sale per indivisible quantity | 1                        |
| Shape of signaling unit head  | Round                    |
| Type of operator              | To centre spring return  |
| Operator profile              | Yellow standard handle   |
| Operator position information | 3 positions +/- 45°      |

### 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)                                                                                                                                                                                                                                                                 |
| Product 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>SF1 3 single front mounting |

### 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<br>IP69K<br>IP69                                                                   |
| 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                             | JIS C8201-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>UL 508<br>JIS C8201-1 |

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Product certifications | UL listed<br>LROS (Lloyds register of shipping)<br>CSA<br>BV<br>RINA<br>GL<br>DNV                                  |
| 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                | 03606481339959                        |
| Package weight(Lbs) | 0.02 kg (0.05 lb(US))                 |
| Returnability       | No                                    |
| Country of origin   | FR                                    |

## 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>                                                        |

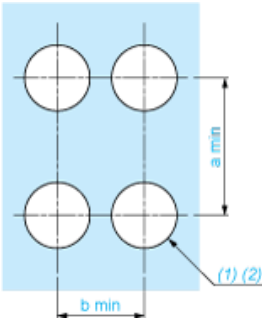
## Dimensions



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 ( $\text{Ø}30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in. } \begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$ )

| 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   | <div></div> |      |        |        |  |
| Location |             | Left | Centre | Right  |  |
| State    |             | 1    | 1      | 1      |  |
| Contacts | N/O         |      | closed | closed |  |
| N/C      |             | open | open   | open   |  |