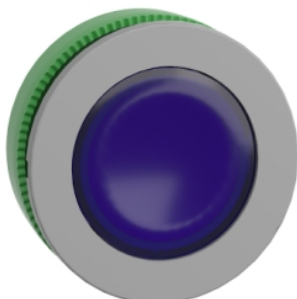


## ZB5FA68C0

Head for illuminated push button, Harmony XB5, grey bezel, blue, 30mm, universal LED, for insertion of legend



### Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of Product                | Harmony XB5                      |
| Product or Component Type       | Head for illuminated push-button |
| Device short name               | ZB5                              |
| Product Compatibility           | Universal LED                    |
| Bezel material                  | Plastic colour plated grey       |
| 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                | Spring return                    |
| Operator profile                | Blue flush, unmarked             |
| Operator additional information | For insertion of legend          |

### Complementary

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                  | 1.46 in (37 mm)                                                                                                                                                                                                                                                                                                                                                                                    |
| CAD overall height                 | 1.46 in (37 mm)                                                                                                                                                                                                                                                                                                                                                                                    |
| CAD overall depth                  | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                                    |
| Net Weight                         | 0.04 lb(US) (0.017 kg)                                                                                                                                                                                                                                                                                                                                                                             |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                                                                                                                                                                                                                                                                                                      |
| Mechanical durability              | 10000000 cycles                                                                                                                                                                                                                                                                                                                                                                                    |
| Main group                         | Illum push-button                                                                                                                                                                                                                                                                                                                                                                                  |
| Group of product                   | Flush push with inser of legend                                                                                                                                                                                                                                                                                                                                                                    |
| Cap/operator or lens colour        | Blue                                                                                                                                                                                                                                                                                                                                                                                               |
| Marking                            | Unmarked                                                                                                                                                                                                                                                                                                                                                                                           |
| Electrical composition code        | M1 6 single front mounting integral LED<br>M2 6 single and double front mounting integral LED<br>M6 2 single front mounting integral LED and transformer<br>M10 2 single front mounting integral LED<br>MF1 2 single front mounting integral LED<br>C4 6 single and double front mounting<br>C14 2 single front mounting<br>SF2 2 single front mounting<br>C3 6 single front mounting integral LED |
| Device presentation                | Basic element                                                                                                                                                                                                                                                                                                                                                                                      |

### Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Protective treatment                  | TC                         |
| 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 EN 50102              |

|                        |                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Standards              | EN/IEC 60947-5-4<br>JIS C8201-5-1<br>GB 14048.5<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-1<br>JIS C8201-1 |
| Product Certifications | DNV<br>LROS (Lloyds register of shipping)<br>UL Listed<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              | 3606489771287                       |
| Returnability     | No                                  |

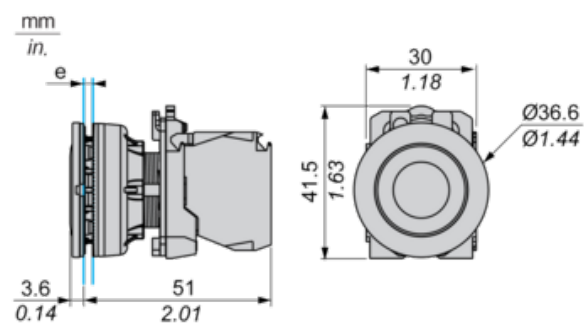
## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Number of Units in Package 1 | 1                |
| 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) |
| 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>                                                                                                                                                                                        |
| 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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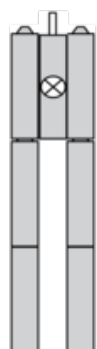
Electrical Composition Corresponding to Codes C14, SF2 and SR2

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Electrical Composition Corresponding to Codes M1 and M7

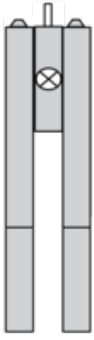
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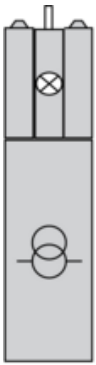
Electrical Composition Corresponding to Codes M2 and M8

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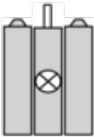
## Electrical Composition Corresponding to Codes M6 and P2

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## Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

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## Legend

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Single contact

Double contact

Light block

Possible location

