

# ZB5FW333

Head for illuminated push button, Harmony XB5, flush mounted green flush caps pushbutton integral led



## Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of product                | Harmony XB5                      |
| Product or component type       | Head for illuminated push-button |
| Device short name               | ZB5                              |
| Product compatibility           | Integral LED                     |
| Bezel material                  | Dark grey plastic                |
| Mounting diameter               | 30 mm                            |
| Sale per indivisible quantity   | 1                                |
| Head type                       | Built-in-flush                   |
| Shape of signaling unit head    | Round                            |
| Type of operator                | Spring return                    |
| Operator profile                | Green flush, unmarked            |
| Operator additional information | With plain lens                  |

## Complementary

|                                    |   |
|------------------------------------|---|
| CAD overall width                  | 37 mm   |
| CAD overall height                 | 37 mm   |
| CAD overall depth                  | 30 mm   |
| Net weight                         | 0.017 kg  |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m   |
| Mechanical durability              | 10000000 cycles   |
| Main group                         | Illum push-button   |
| Group of product                   | Flush push integral LED   |
| Cap/operator or lens colour        | Green   |
| Marking                            | Unmarked  |
| Electrical composition code        | M1 for <6 contacts using single blocks in front mounting with integral LED<br>M2 for <6 contacts using single and double blocks in front mounting with integral LED<br>M6 for <2 contacts using single blocks in front mounting with integral LED and transformer<br>M10 for <2 contacts using single blocks in front mounting with integral LED<br>MF1 for <2 contacts using single blocks in front mounting with integral LED |
| Device presentation                | Basic element   |

## Environment







|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TC  |
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -40...70 °C   |
| Overvoltage category                  | Class II conforming to IEC 60536                      |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67<br>IP69<br>IP69K |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                    |
| IK degree of protection               | IK03 conforming to EN 50102                           |

|                        |  |
|------------------------|--|
| Standards              | EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>GB 14048.5<br>JIS C8201-5-1<br>UL 508<br>EN/IEC 60947-1<br>JIS C8201-1  |
| Product certifications | LROS (Lloyds register of shipping)<br>DNV<br>UL listed<br>CSA<br>GL<br>BV<br>RINA  |
| Vibration resistance   | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance       | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

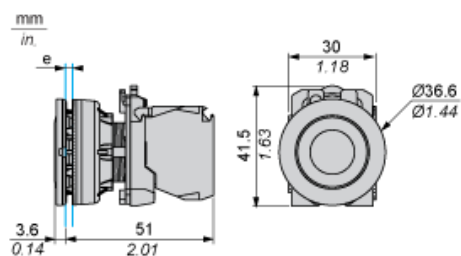
## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 28 g    |
| Package 1 Height             | 4.3 cm  |
| Package 1 width              | 5.2 cm  |
| Package 1 Length             | 5.6 cm  |
| Unit Type of Package 2       | S02     |
| Number of Units in Package 2 | 80      |
| Package 2 Weight             | 2.54 kg |
| Package 2 Height             | 15 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |

## 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>  |

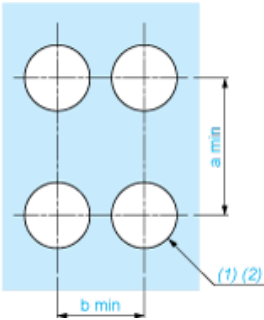
## Dimensions



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

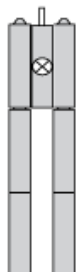
(2) Ø30.75 mm recommended ( $\text{Ø}30.5 \text{ }_0^{+0.5}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in. }_0^{+0.0196}$ )

| 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 Codes M1 and M7

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Electrical Composition Corresponding to Codes M2 and M8

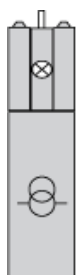
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Electrical Composition Corresponding to Codes M6 and P2

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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

