

# Product datasheet

Specifications



Head for illuminated push button, Harmony XB5, antimicrobial, plastic, green flush mounted, 30mm, universal LED,

ZB5FA38

## 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                  | Dark grey plastic                |
| Mounting diameter               | 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                | Green flush, unmarked            |
| Operator additional information | For insertion of legend          |

## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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<br>C4 for <6 contacts using single and double blocks in front mounting<br>C14 for <2 contacts using single blocks in front mounting<br>SF2 for <2 contacts using single blocks in front mounting<br>C3 for <6 contacts using single blocks in front mounting with integral LED |

## Environment

|                                     |             |
|-------------------------------------|-------------|
| Protective treatment                | TC          |
| Ambient air temperature for storage | -40...70 °C |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 IEC 62262                                                                                                                                                   |
| Standards                             | UL 508<br>IEC 60947-1<br>CSA C22.2 No 14<br>JIS C8201-5-1<br>IEC 60947-5-1<br>GB 14048.5<br>IEC 60947-5-4<br>JIS C8201-1                                                       |
| Product certifications                | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL listed                                                                                                            |
| 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 Height             | 5.334 cm |
| Package 1 Width              | 4.572 cm |
| Package 1 Length             | 8.89 cm  |
| Package 1 Weight             | 27.216 g |

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                               |   |                                               |
|-------------------------------------------------------|---|-----------------------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 1 |                                               |
| Environmental Disclosure                              |   | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |     |                                                            |
|----------------------------------------|-----|------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes |                                                            |
| Packaging without single use plastic   | No  |                                                            |
| <a href="#">EU RoHS Directive</a>      |     | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACH Regulation                       |     | <a href="#">REACH Declaration</a>                          |

Use Again

| Repack and remanufacture |    |                                         |
|--------------------------|----|-----------------------------------------|
| Circularity Profile      |    | <a href="#">End of Life Information</a> |
| Take-back                | No |                                         |

Dimensions Drawings

Dimensions

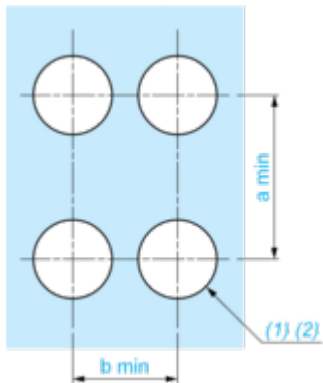


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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)  $\varnothing 30.75\text{ mm}$  recommended ( $\varnothing 30.5\text{ mm}^{+0.5}_0$ ) /  $\varnothing 1.21\text{ in.}$  recommended ( $\varnothing 1.20\text{ in.}^{+0.0196}_0$ )

| 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     |

Technical Description

Electrical Composition Corresponding to Code C3

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Electrical Composition Corresponding to Code C4

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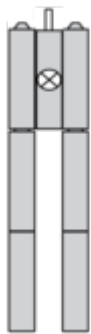


Electrical Composition Corresponding to Codes C14, SF2 and SR2



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



Legend

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Single contact



Double contact



Light block



Possible location

