

# Product datasheet

Specifications



Head for pilot light, Harmony XB5, antimicrobial, plastic, yellow, 30mm, universal LED, plain lens

ZB5FV083

## Main

|                                 |                      |
|---------------------------------|----------------------|
| Range of product                | Harmony XB5          |
| Product or component type       | Head for pilot light |
| Product compatibility           | Universal LED        |
| Device short name               | ZB5                  |
| Bezel material                  | Dark grey plastic    |
| Mounting diameter               | 30.5 mm              |
| Head type                       | Built-in-flush       |
| Sale per indivisible quantity   | 1                    |
| Shape of signaling unit head    | Round                |
| Cap/operator or lens colour     | Yellow               |
| Operator additional information | With plain lens      |

## Complementary

|                             |                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width           | 37 mm                                                                                                                                       |
| CAD overall height          | 37 mm                                                                                                                                       |
| CAD overall depth           | 30 mm                                                                                                                                       |
| Net weight                  | 0.015 kg                                                                                                                                    |
| Electrical composition code | P1 in front mounting with integral LED<br>P2 in front mounting with integral LED and transformer<br>PF1 in front mounting with integral LED |
| Device presentation         | Basic element                                                                                                                               |

## Environment

|                                       |                                                       |
|---------------------------------------|-------------------------------------------------------|
| Protective treatment                  | TH                                                    |
| 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                                    |
| Resistance to high pressure washer    | 7000000 Pa at 55 °C, distance : 0.1 m                 |

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

|                         |                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IK degree of protection | IK03 conforming to IEC 50102                                                                                                                                                   |
| Standards               | IEC 60947-5-5<br>IEC 60947-1<br>IEC 60947-5-4<br>JIS C8201-5-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>UL 508<br>JIS C8201-1<br>ISO 21702<br>ISO 22196:2011                     |
| 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             | 4.5 cm   |
| Package 1 Width              | 5.3 cm   |
| Package 1 Length             | 5.7 cm   |
| Package 1 Weight             | 22.0 g   |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 40       |
| Package 2 Height             | 15.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 1.209 kg |

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

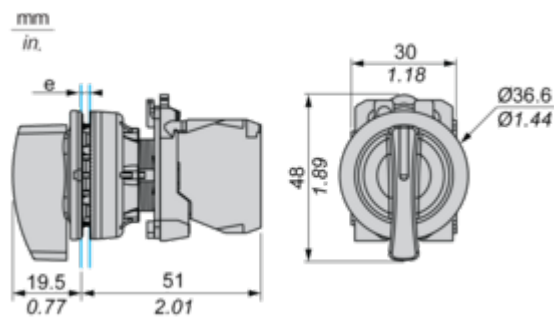
| Materials and Substances               |                                                            |  |
|----------------------------------------|------------------------------------------------------------|--|
| Packaging made with recycled cardboard | Yes                                                        |  |
| Packaging without single use plastic   | Yes                                                        |  |
| <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

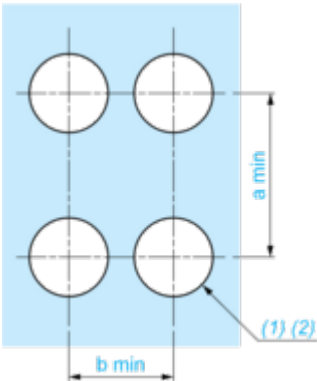


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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

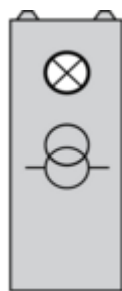
Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Code P4

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Legend

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Single contact



Double contact



Light block



Possible location

