

# Product data sheet

Specifications



Head for illuminated selector switch, Harmony XB4, metal, orange handle, flush mounted, 30mm, universal LED, 2 positions

ZB4FK1253

**Product availability:** Non-Stock - Not normally stocked in distribution facility  
**Important message:** A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

## Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range of Product              | Harmony XB4                          |
| Product or Component Type     | Head for illuminated selector switch |
| Product Compatibility         | Universal LED                        |
| Device short name             | ZB4F                                 |
| Bezel material                | Chromium plated metal                |
| Head type                     | Built-in-flush                       |
| Mounting diameter             | 1.2 in (30.5 mm)                     |
| Sale per indivisible quantity | 1                                    |
| Shape of signaling unit head  | Round                                |
| Type of operator              | stay put                             |
| Operator profile              | Orange standard handle               |
| Operator position information | 2 positions 90°                      |

## Complementary

|                                    |                                                                                                                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                  | 1.4 in (36.6 mm)                                                                                                                                                                                     |
| CAD overall height                 | 1.4 in (36.6 mm)                                                                                                                                                                                     |
| CAD overall depth                  | 1.9 in (47 mm)                                                                                                                                                                                       |
| Product Weight                     | 0.172 lb(US) (0.078 kg)                                                                                                                                                                              |
| Resistance to high pressure washer | 1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                                                                                                         |
| Mechanical durability              | 1000000 cycles                                                                                                                                                                                       |
| Electrical composition code        | M3 4 single front mounting integral LED<br>M6 2 single front mounting integral LED and transformer<br>M10 2 single front mounting integral LED<br>M4 4 single and double front mounting integral LED |
| Device presentation                | Basic element                                                                                                                                                                                        |

## 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) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overvoltage category    | Class I conforming to IEC 60536                                                                                                                                           |
| IP degree of protection | IP66 IEC 60529<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653<br>Type 13 UL 50 E<br>Type 12 UL 50 E<br>Type 4 UL 50 E<br>Type 4X UL 50 E                          |
| IK degree of protection | IK04 conforming to IEC 50102                                                                                                                                              |
| Standards               | CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-1<br>JIS C8201-5-1<br>CE<br>JIS C8201-1                                                          |
| Product Certifications  | UL Listed<br>CSA<br>CCC<br>EAC                                                                                                                                            |
| Vibration resistance    | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>2 mm peak to peak (f= 2...10 Hz) conforming to 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<br>25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222468  |
| Discount Schedule | 0CS2          |
| GTIN              | 3606489582050 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Nbr. of units in pkg.        | 1                     |
| Package 1 Height             | 1.732 in (4.400 cm)   |
| Package 1 Width              | 2.087 in (5.300 cm)   |
| Package 1 Length             | 2.205 in (5.600 cm)   |
| Package weight(Lbs)          | 2.399 oz (68.000 g)   |
| Unit Type of Package 2       | BB1                   |
| Number of Units in Package 2 | 5                     |
| Package 2 Height             | 2.205 in (5.600 cm)   |
| Package 2 Width              | 1.732 in (4.400 cm)   |
| Package 2 Length             | 10.433 in (26.500 cm) |
| Package 2 Weight             | 12.063 oz (342.000 g) |
| Unit Type of Package 3       | S02                   |
| Number of Units in Package 3 | 80                    |
| Package 3 Height             | 5.906 in (15.000 cm)  |

|                  |                          |
|------------------|--------------------------|
| Package 3 Width  | 11.811 in (30.000 cm)    |
| Package 3 Length | 15.748 in (40.000 cm)    |
| Package 3 Weight | 12.813 lb(US) (5.812 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 0.6 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.5 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq.                                |
| 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                                                                                                                                                                                                                                                                                          |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                    |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                  |
| California proposition 65              | <b>WARNING:</b> 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> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

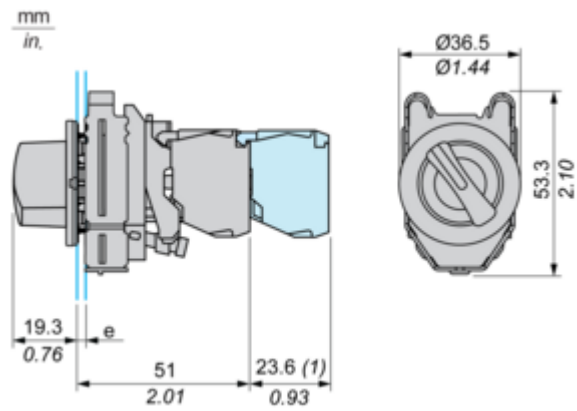


### Repack and remanufacture

|                     |                                         |
|---------------------|-----------------------------------------|
| 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.  
(1) : Additional row of contacts

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



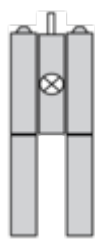
- (1) : Diameter on finished panel or support
- (2) : Ø30.75 mm recommended ( $\text{Ø}30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in.} \begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$ )

| Connections                                 | a in mm | a in in. | b in mm | b in in. |
|---------------------------------------------|---------|----------|---------|----------|
| By connectors                               | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF32 | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF33 | 60      | 2.36     | 40      | 1.57     |

Technical Description

Electrical Composition Corresponding to Code M3

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Electrical Composition Corresponding to Code M4

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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



Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°



|          |          |        |        |  |        |
|----------|----------|--------|--------|--|--------|
| Push     | Position | Top    |        |  |        |
|          |          | Bottom |        |  |        |
|          | Location |        | Left   |  | Right  |
|          | State    |        | 0      |  | 0      |
|          |          |        |        |  |        |
| Contacts | N/O      |        | open   |  | open   |
|          | N/C      |        | closed |  | closed |

Position 45°



|          |          |        |        |  |        |
|----------|----------|--------|--------|--|--------|
| Push     | Position | Top    |        |  |        |
|          |          | Bottom |        |  |        |
|          | Location |        | Left   |  | Right  |
|          | State    |        | 1      |  | 1      |
|          |          |        |        |  |        |
| Contacts | N/O      |        | closed |  | closed |
|          | N/C      |        | open   |  | open   |

Technical Illustration

Dimensions

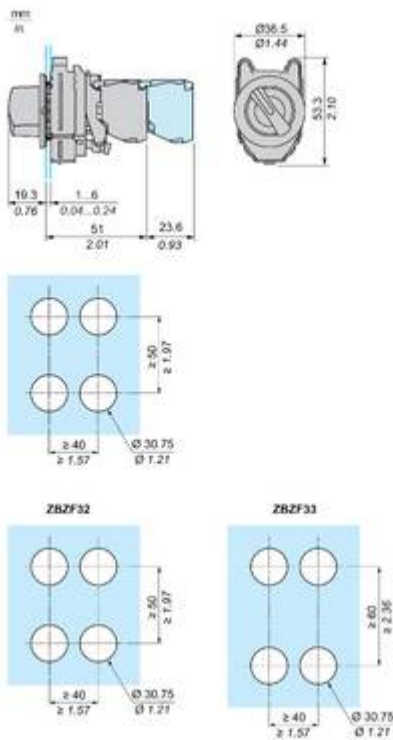


Image of product / Alternate images

Alternative

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