

# Product data sheet

Specifications



## flush mounted XB5 yellow selector switch 3-position. cp white

ZB5FK1383C1

⚠ Discontinued on: Jun 30, 2020

⚠ Discontinued

### Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range Of Product              | Harmony XB5                          |
| Product Or Component Type     | Head for illuminated selector switch |
| Product Compatibility         | Integral LED                         |
| Device Short Name             | ZB5                                  |
| Bezel Material                | Plastic colour plated white          |
| Mounting Diameter             | 30.5 mm                              |
| Head Type                     | Built-in-flush                       |
| Sale Per Indivisible Quantity | 1                                    |
| Shape Of Signaling Unit Head  | Round                                |
| Type Of Operator              | stay put                             |
| Operator Profile              | Yellow standard handle               |
| Operator Position Information | 3 positions +/- 45°                  |

### Complementary

|                             |   |
|-----------------------------|---|
| Cad Overall Width           | 37 mm   |
| Cad Overall Height          | 37 mm   |
| Cad Overall Depth           | 46 mm   |
| Net Weight                  | 0.03 kg   |
| Mechanical Durability       | 500000 cycles   |
| Electrical Composition Code | M3 for <4 contacts using single 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>M4 for <4 contacts using single and double blocks 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 |

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

|                                    |  |
|------------------------------------|--|
| Ip Degree Of Protection            | IP66 conforming to IEC 60529<br>IP67   |
| Nema Degree Of Protection          | NEMA 13<br>NEMA 4X   |
| Resistance To High Pressure Washer | 7000000 Pa at 55 °C, distance : 0.1 m  |
| Ik Degree Of Protection            | IK03 conforming to IEC 50102   |
| Standards                          | EN/IEC 60947-5-4<br>JIS C8201-5-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>UL 508<br>EN/IEC 60947-5-5<br>JIS C8201-1  |
| Product Certifications             | LROS (Lloyds register of shipping)<br>BV<br>CSA<br>DNV<br>UL listed<br>GL  |
| 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   |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

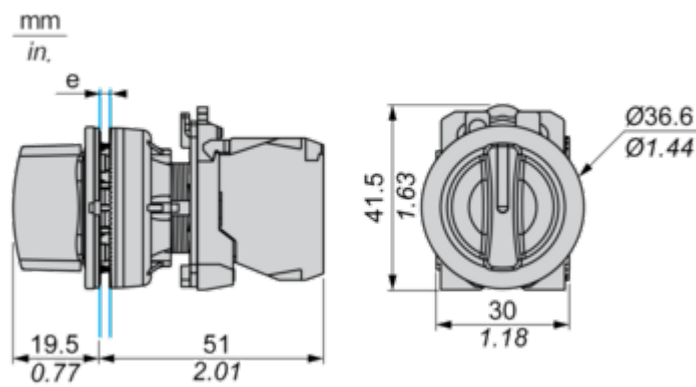
[Guide to assess a product's sustainability >](#)

## Well-being performance

|                           |   |     |
|---------------------------|---|-----|
| ✓                         | Reach Free Of Svhc  |     |
| ✓                         | Toxic Heavy Metal Free  |     |
| ✓                         | Mercury Free  |     |
| ✓                         | Rohs Exemption Information  | Yes |
| Reach Regulation          | <a href="#">REACH Declaration</a>   |     |
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |     |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a>  |     |
| 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="#">www.P65Warnings.ca.gov</a> |     |

Dimensions Drawings

Dimensions

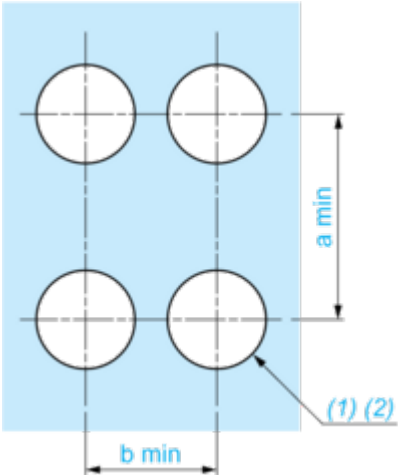


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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



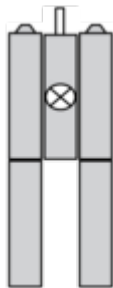
- (1) Diameter on finished panel or support
- (2)  $\varnothing 30.75\text{ mm}$  recommended ( $\varnothing 30.5\text{ mm}^{+0.5}_0$ ) /  $\varnothing 1.21\text{ in.}$  recommended ( $\varnothing 1.20\text{ in.}^{+0.0196}_0$ )

| 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

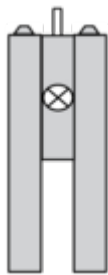
Electrical Composition Corresponding to Code M3

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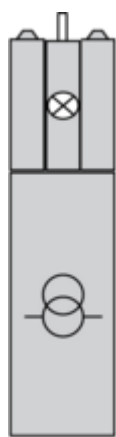
Electrical Composition Corresponding to Code M4

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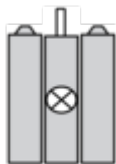


Electrical Composition Corresponding to Codes M6 and P2

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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   |

