



## 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                | Dark grey plastic                    |
| Mounting diameter             | 30 mm                                |
| Head type                     | Built-in-flush                       |
| Sale per indivisible quantity | 1                                    |
| Shape of signaling unit head  | Round                                |
| Type of operator              | Stay put                             |
| Operator profile              | Green standard handle                |
| Operator position information | 3 positions +/- 45°                  |

## Complementary

|                             |  |
|-----------------------------|--|
| CAD overall width           | 37 mm  |
| CAD overall height          | 37 mm  |
| CAD overall depth           | 46 mm  |
| Product weight              | 0.03 kg  |
| Mechanical durability       | 1000000 cycles   |
| Electrical composition code | 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>M3 for 4 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<br>MF1 for 2 contacts using single blocks in front mounting with integral LED |

## 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               | IP67<br>IP66 conforming to IEC 60529<br>IP69K<br>IP69   |
| 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 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14 |
| product certifications                | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)  |

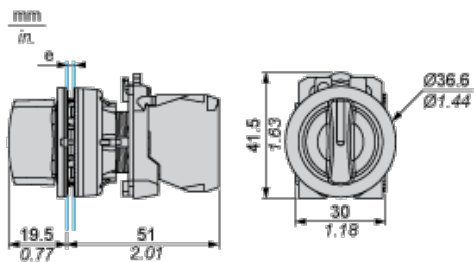
RINA  
UL listed

|                      |  |
|----------------------|--|
| 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 |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1804 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

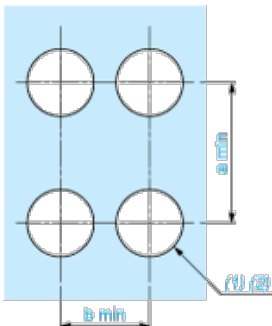
## Dimensions



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

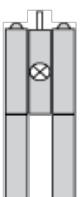


(1) Diameter on finished panel or support

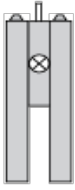
(2)  $\varnothing 30.75$  mm recommended ( $\varnothing 30.5_{0}^{+0.5}$ ) /  $\varnothing 1.21$  in. recommended ( $\varnothing 1.20$  in.  $_{0}^{+0.0196}$ )

| 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     |

## Electrical Composition Corresponding to Code M3



## Electrical Composition Corresponding to Code M4



## Electrical Composition Corresponding to Codes M6 and P2



## Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



## Legend

Single contact



Double contact



Light block








Possible location



## Sequence of Contacts Fitted to 2-position Selector Switch Body




Position 315°



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

**Position 45°**



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