



Main

| | |
|-------------------------------|-------------------------------|
| Range of product | Harmony XB4 |
| Product or component type | Head for selector switch |
| Device short name | ZB4 |
| Bezel material | Chromium plated metal |
| Mounting diameter | 0.87 in (22 mm) |
| Head type | Standard |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return right to centre |
| Operator profile | Red standard handle |
| Operator position information | 3 positions +/- 45° |

Complementary

| | |
|------------------------------------|---|
| CAD overall width | 1.14 in (29 mm) |
| CAD overall height | 1.14 in (29 mm) |
| CAD overall depth | 1.73 in (44 mm) |
| Product weight | 0.09 lb(US) (0.04 kg) |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) at 131 °F (55 °C), distance: 0.1 m |
| Mechanical durability | 1000000 cycles |
| Electrical composition code | C11 for 3 contacts using single blocks in front mounting C7 for 4 contacts using single blocks in front mounting C8 for 4 contacts using single and double blocks in front mounting C4 6 contacts using single and double blocks in front mounting C5 for 5 contacts using single blocks in front mounting C6 for 5 contacts using single and double blocks in front mounting C3 6 contacts using single blocks in front mounting |

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) |
| overvoltage category | Class I conforming to IEC 60536 |
| IP degree of protection | IP67 conforming to IEC 60529 IP69K IP69 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK06 conforming to IEC 50102 |
| standards | EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508 CSA C22.2 No 14 |
| product certifications | BV CSA DNV GL 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) half sine wave acceleration conforming to IEC 60068-2-27 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

WARNING: This product can expose you to chemicals including:

Nickel compounds, which is known to the State of California to cause cancer, and

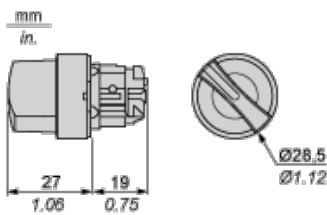
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period 18 months

Dimensions



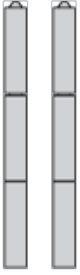
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

| Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board | Connection by Faston Connectors |
|---|---------------------------------|
| | |
| <p>(1) Diameter on finished panel or support</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) \varnothing 22.5 mm / 0.89 in. recommended (\varnothing 22.3 mm $^{+0.4}$ / 0.88 in. $^{+0.016}$)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p> | |

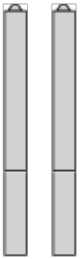
Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Panel Cut-outs (Viewed from Installer's Side)

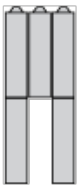
Electrical Composition Corresponding to Code C3



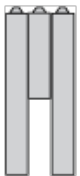
Electrical Composition Corresponding to Code C4



Electrical Composition Corresponding to Code C5



Electrical Composition Corresponding to Code C6



Electrical Composition Corresponding to Code C7



Electrical Composition Corresponding to Code C8



Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



Legend

Single contact



Double contact



Light block



Possible location



Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°



| | | | | | |
|-----------------|----------|--------|--------|--------|-------|
| Push | Position | Top | | | |
| | | Bottom | | | |
| | Location | | Left | Centre | Right |
| | State | | 1 | 1 | 0 |
| Contacts | N/O | closed | closed | open | |
| | N/C | open | open | closed | |

Position 0°






| | | | | | |
|-------------|----------|--------|--|--|--|
| Push | Position | Top | | | |
| | | Bottom | | | |

| | | | | |
|-----------------|----------|--------|--------|--------|
| | Location | Left | Centre | Right |
| | State | 0 | 0 | 0 |
| Contacts | N/O | open | open | open |
| | N/C | closed | closed | closed |

Position 45°



| | | | | | |
|-----------------|----------|--------|---|---|--|
| Push | Position | Top |  | | |
| | | Bottom |  |  | |
| | Location | Left | Centre | Right | |
| | State | 0 | 1 | 1 | |
| Contacts | N/O | open | closed | closed | |
| | N/C | closed | open | open | |