

ZB4BB2

black joystick controller head Ø22 omnidirectional
spring return



Main

| | |
|--------------------------------|----------------------------------|
| Range of product | Harmony XB4 |
| Product or component type | Head for joystick controller |
| Device short name | ZB4 |
| Bezel material | Chromium plated metal |
| Mounting diameter | 22 mm |
| Head type | Standard |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return to zero position |
| Operator profile | Black 54 mm long operating shaft |
| Operator direction information | Omnidirectional |

Complementary

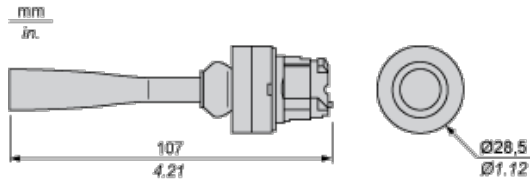
| | |
|------------------------------------|--------------------------------------|
| Product weight | 0.058 kg |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance: 0.1 m |
| Operator position information | All positions |
| Mechanical durability | 1000000 cycles |
| Device presentation | Basic element |
| Customizable | No |

Environment

| | |
|---------------------------------------|--|
| protective treatment | TH |
| ambient air temperature for storage | -40...70 °C |
| ambient air temperature for operation | -25...70 °C |
| electrical shock protection class | Class I conforming to IEC 60536 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK03 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) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for 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.

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>Diagram showing the panel cut-out for screw clamp terminals or plug-in connectors. The cut-out is a rectangle with four circular holes. Dimensions are labeled: (1) Diameter of hole, (2) Vertical distance between hole centers, (3) Horizontal distance between hole centers, and (4) Diameter of hole.</p> | <p>Diagram showing the panel cut-out for faston connectors. The cut-out is a rectangle with four circular holes. Dimensions are labeled: (1) Diameter of hole, (5) Vertical distance between hole centers, (6) Horizontal distance between hole centers, and (4) Diameter of hole.</p> |
| <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) $\varnothing 22.5 \text{ mm} / 0.89 \text{ in.}$ recommended ($\varnothing 22.3 \text{ mm}^{+0.4} / 0.88 \text{ in.}^{+0.016}$) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p> | |