

# Harmony products

## Main

|                               |   |
|-------------------------------|---|
| Commercial Status             | Commercialised                                |
| Range of product              | Harmony XB5                                   |
| Product or component type     | Head for illuminated double-headed pushbutton |
| Product compatibility         | Integral LED                                  |
| Device short name             | ZB5   |
| Bezel material                | Plastic                                       |
| Mounting diameter             | 22 mm   |
| Sale per indivisible quantity | 1   |
| Shape of signaling unit head  | Rectangular                                   |
| Type of operator              | Spring return                                 |
| Operator profile              | 2 flush pushbuttons - 1 central pilot light   |
| Operators description         | White "+" - white "-"                         |

## Complementary

|                             |   |
|-----------------------------|---|
| CAD overall width           | 30 mm   |
| CAD overall height          | 50 mm   |
| CAD overall depth           | 30 mm   |
| Product weight              | 0.023 kg  |
| Colour of marking           | Black marking when white caps   |
| Operator profile            | White flush, black -<br>White flush, black +  |
| Mechanical durability       | 1000000 cycles  |
| Station name                | XALD 1 cut-out  |
| Electrical composition code | MR1 for <= 2 contacts using single blocks in rear mounting with integral LED<br>MF1 for <= 2 contacts using single blocks in front mounting with integral LED<br>M10 for <= 2 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>M2 for <= 6 contacts using single and double blocks in front mounting with integral LED<br>M1 for <= 6 contacts using single blocks in front mounting with integral LED |

## Environment

|  |   |
|--|---|
| Ambient air temperature for storage        | -40...70 °C   |
| Ambient air temperature for operation      | -25...70 °C   |
| Class of protection against electric shock | Class II conforming to IEC 60536  |
| IP degree of protection                    | IP69K<br>IP66   |
| NEMA degree of protection                  | NEMA 4X<br>NEMA 13  |
| Resistance to high pressure washer         | 7000000 Pa at 55 °C, distance: 0.1 m  |
| IK degree of protection                    | IK05 conforming to IEC 50102  |
| Standards                                  | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14 |

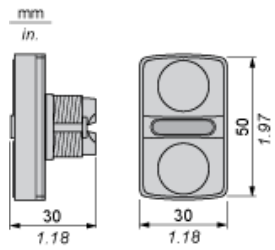
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|------------------------|--|
| Product certifications | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL listed  |
| Vibration resistance   | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6  |
| Shock resistance       | 50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27 |

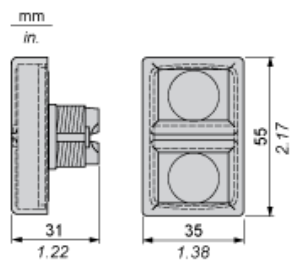
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Dimensions

Without Boot



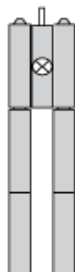
With Boot ZBA708



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Electrical Composition Corresponding to Codes M1 and M7

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Electrical Composition Corresponding to Codes M2 and M8

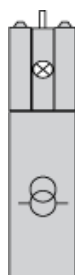
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Electrical Composition Corresponding to Codes M6 and P2

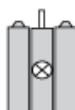
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Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

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Legend

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Single contact



Double contact



Light block



Possible location

