

## Main

|                               |                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4                                                                                                                                            |
| Product or component type     | Complete body/light block assembly                                                                                                                     |
| Device short name             | ZB4                                                                                                                                                    |
| Fixing collar material        | Zamak                                                                                                                                                  |
| Sale per indivisible quantity | 1                                                                                                                                                      |
| Connections - terminals       | Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end<br>Screw clamp terminals : $\geq 1 \times 0.22 \text{ mm}^2$ without cable end |
| Light source                  | Protected LED                                                                                                                                          |
| Bulb base                     | Integral LED                                                                                                                                           |
| Light source colour           | White                                                                                                                                                  |
| [Us] rated supply voltage     | 230...240 V AC, 50/60 Hz                                                                                                                               |

## Complementary

|                                        |                                                                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                      | 30 mm                                                                                                                                                                                                                         |
| CAD overall height                     | 47 mm                                                                                                                                                                                                                         |
| CAD overall depth                      | 37 mm                                                                                                                                                                                                                         |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                                                                                                     |
| Product weight                         | 0.054 kg                                                                                                                                                                                                                      |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 60947-1                                                                                                                                                                                        |
| Shape of screw head                    | Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage          | 600 V (degree of pollution: 3) conforming to EN 60947-1                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN 60947-1                                                                                                                                                                                                 |
| Signalling type                        | Steady                                                                                                                                                                                                                        |
| Supply voltage limits                  | 195...264 V AC                                                                                                                                                                                                                |
| Current consumption                    | 14 mA                                                                                                                                                                                                                         |
| Service life                           | 100000 h at rated voltage and 25 °C                                                                                                                                                                                           |
| Surge withstand                        | 1 kV conforming to IEC 61000-4-5                                                                                                                                                                                              |

## Environment

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                             |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                                                                    |
| Ambient air temperature for operation | -40...70 °C                                                                                                                                                                    |
| Electrical shock protection class     | Class I conforming to IEC 60536                                                                                                                                                |
| 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)<br>RINA<br>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 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                                                               |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3                                                                                                                                             |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-2-6<br>8 kV in free air (in insulating parts) conforming to IEC 61000-2-6                                             |
| Electromagnetic emission              | Class B conforming to IEC 55011                                                                                                                                                |

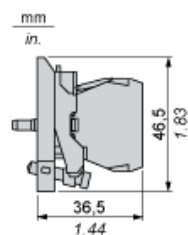
## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

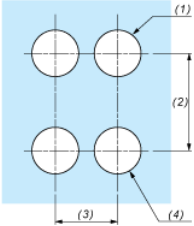
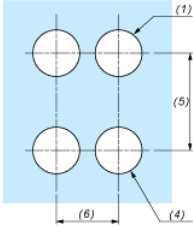
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Dimensions

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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                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                |  |
| <div><div>(1)</div><div>Diameter on finished panel or support</div><div>(2)</div><div>40 mm min. / 1.57 in. min.</div><div>(3)</div><div>30 mm min. / 1.18 in. min.</div><div>(4)</div><div>Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <sub>0</sub><sup>+0.4</sup> / 0.88 in. <sub>0</sub><sup>+0.016</sup>)</div><div>(5)</div><div>45 mm min. / 1.78 in. min.</div><div>(6)</div><div>32 mm min. / 1.26 in. min.</div></div> |                                                                                   |