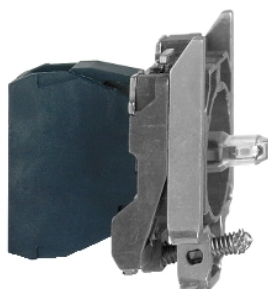


# ZB4BVM3

Harmony XB4, Light block with body/fixing collar, metal, green, integral LED, 230...240 V AC



## 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           | Green                                                                                                                                                |
| [Us] rated supply voltage     | 230...240 V AC 50/60 Hz                                                                                                                              |

## Complementary

|                                        |                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                      | 1.18 in (30 mm)                                                                                                                                                               |
| CAD overall height                     | 1.85 in (47 mm)                                                                                                                                                               |
| CAD overall depth                      | 1.46 in (37 mm)                                                                                                                                                               |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                                                     |
| Product Weight                         | 0.12 lb(US) (0.054 kg)                                                                                                                                                        |
| Tightening torque                      | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1                                                                                                                                |
| Shape of screw head                    | Cross Philips no 1<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage          | 600 V 3)EN 60947-1                                                                                                                                                            |
| [Uimp] rated impulse withstand voltage | 6 kV 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 IEC 61000-4-5                                                                                                                                                            |
| Device presentation                    | Basic sub-assemblies                                                                                                                                                          |

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## 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)                                                                                                              |
| Electrical shock protection class     | Class I IEC 60536                                                                                                                       |
| Standards                             | EN/IEC 60947-5-5<br>EN/IEC 60947-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-4<br>JIS C8201-5-1<br>EN/IEC 60947-5-1<br>UL 508<br>JIS C8201-1 |
| Product Certifications                | UL Listed<br>BV<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>CSA                                                               |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6                                                                                                           |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27                      |
| Resistance to fast transients         | 2 kV IEC 61000-4-4                                                                                                                      |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                                                                                         |
| Resistance to electrostatic discharge | 6 KV on contact (on metal parts) IEC 61000-2-6<br>8 kV in free air (in insulating parts) IEC 61000-2-6                                  |
| Electromagnetic emission              | Class B IEC 55011                                                                                                                       |

## Ordering and shipping details

|                       |                                         |
|-----------------------|-----------------------------------------|
| Category              | 22469 - PUSHBUTTON,22MM ACCESSORIES-NEW |
| Discount Schedule     | CS2                                     |
| GTIN                  | 3389110892499                           |
| Nbr. of units in pkg. | 1                                       |
| Package weight(Lbs)   | 1.90 oz (53.8 g)                        |
| Returnability         | Yes                                     |
| Country of origin     | FR                                      |

## Packing Units

|                              |                            |
|------------------------------|----------------------------|
| Unit Type of Package 1       | PCE                        |
| Package 1 Height             | 2.20 in (5.6 cm)           |
| Package 1 width              | 1.34 in (3.4 cm)           |
| Package 1 Length             | 2.13 in (5.4 cm)           |
| Unit Type of Package 2       | P06                        |
| Number of Units in Package 2 | 1600                       |
| Package 2 Weight             | 221.37 lb(US) (100.412 kg) |
| Package 2 Height             | 30.31 in (77 cm)           |
| Package 2 width              | 23.62 in (60 cm)           |
| Package 2 Length             | 31.50 in (80 cm)           |
| Unit Type of Package 3       | S03                        |
| Number of Units in Package 3 | 200                        |
| Package 3 Weight             | 25.33 lb(US) (11.489 kg)   |
| Package 3 Height             | 11.81 in (30 cm)           |
| Package 3 width              | 11.81 in (30 cm)           |
| Package 3 Length             | 15.75 in (40 cm)           |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

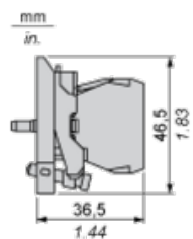
## Contractual warranty

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

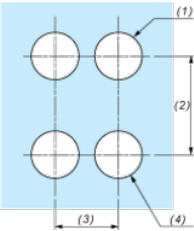
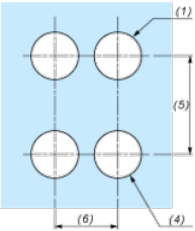
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Dimensions

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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                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                            |  |
| <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) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <math>^{+0.4}_0</math> / 0.88 in. <math>^{+0.016}_0</math>)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p> |                                                                                    |

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