Discontinued on: 09 January 2023

Important message: All colored LED are replaced with a single Universal LED block for use with new illuminated heads (more information at se.com/harmonyxb4 or se.com/harmonyxb5)

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, <= 2 x 1.5 mm² with cable end
Screw clamp terminals, >= 1 x 0.22 mm² without cable end

Light source
Protected LED

Bulb base
Integral LED

Light source colour
Red

[Us] rated supply voltage
24 V AC/DC 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

Net 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
Cross pozidriv No 1
Slotted flat Ø 4 mm
Slotted flat Ø 5.5 mm

[U] 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
19.2…30 V DC
21.6…26.4 V AC

Current Consumption
18 mA
### Service life

100,000 h at rated voltage and 25 °C

### Surge withstand

1 kV IEC 61000-4-5

### Device presentation

Basic sub-assemblies

### 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 60947-5-4
- CSA C22.2 No 14
- EN/IEC 60947-1
- EN/IEC 60947-5-1
- UL 508
- JIS C8201-5-1
- EN/IEC 60947-5-5
- JIS C8201-1

### Product Certifications

- UL Listed
- BV
- LROS (Lloyds register of shipping)
- DNV
- GL
- 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
- 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
- 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

3389110892406

#### Returnability

No

#### Country of origin

FR

### Packing Units

#### Unit Type of Package 1

PCE

#### Number of Units in Package 1

1

#### Package 1 Height

2.20 in (5.600 cm)

#### Package 1 Width

1.34 in (3.400 cm)

#### Package 1 Length

2.13 in (5.400 cm)

#### Package 1 Weight

1.83 oz (52,000 g)

#### Unit Type of Package 2

S03

#### Number of Units in Package 2

200

#### Package 2 Height

11.81 in (30,000 cm)
<table>
<thead>
<tr>
<th>Package 2 Width</th>
<th>11.81 in (30.000 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Package 2 Length</td>
<td>15.75 in (40.000 cm)</td>
</tr>
<tr>
<td>Package 2 Weight</td>
<td>23.95 lb(US) (10.863 kg)</td>
</tr>
<tr>
<td>Unit Type of Package 3</td>
<td>P06</td>
</tr>
<tr>
<td>Number of Units in Package 3</td>
<td>1600</td>
</tr>
<tr>
<td>Package 3 Height</td>
<td>30.31 in (77.000 cm)</td>
</tr>
<tr>
<td>Package 3 Width</td>
<td>31.50 in (80.000 cm)</td>
</tr>
<tr>
<td>Package 3 Length</td>
<td>23.62 in (60.000 cm)</td>
</tr>
<tr>
<td>Package 3 Weight</td>
<td>221.79 lb(US) (100.604 kg)</td>
</tr>
</tbody>
</table>

**Offer Sustainability**

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
</tr>
</thead>
<tbody>
<tr>
<td>California proposition 65</td>
<td>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></td>
</tr>
<tr>
<td>REACh Regulation</td>
<td>REACh Declaration</td>
</tr>
<tr>
<td>EU RoHS Directive</td>
<td>Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration</td>
</tr>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
</tr>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
</tr>
<tr>
<td>Environmental Disclosure</td>
<td>Product Environmental Profile</td>
</tr>
<tr>
<td>Circularity Profile</td>
<td>End of Life Information</td>
</tr>
<tr>
<td>WEEE</td>
<td>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</td>
</tr>
</tbody>
</table>

**Contractual warranty**

| Warranty | 18 months |
**Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)**

<table>
<thead>
<tr>
<th>Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board</th>
<th>Connection by Faston Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
<td><img src="image2" alt="Diagram" /></td>
</tr>
</tbody>
</table>

(1) Diameter on finished panel or support
(2) 40 mm min. / 1.57 in. min.
(3) 30 mm min. / 1.18 in. min.
(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm ±0.4 / 0.88 in. ±0.016)
(5) 45 mm min. / 1.78 in. min.
(6) 32 mm min. / 1.26 in. min.
ZB4BVB4 is replaced by:

1x Complete body/light block assembly, Harmony XB4, metal, universal LED, body/fixing collar, 24V AC DC
ZB4BVB1