

## XB4, Kop voor keuzeschakelaar, 3 pos, Geel, Verlicht, Led, Blijft in stand

ZB4BK1383

**Belangrijk bericht:** A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks  
EAN Code: 3606481206206

**Prijs: 25,30 EUR**

### Hoofd

|                                    |                                    |
|------------------------------------|------------------------------------|
| range of product                   | Harmony XB4                        |
| product or component type          | Kop voor verlichte keuzeschakelaar |
| compatibiliteit product            | Universele LED                     |
| device short name                  | ZB4                                |
| kraag materiaal                    | Verchroomd metaal                  |
| bevestigingsdiameter               | 22 mm                              |
| verkoop per ondeelbare hoeveelheid | 1                                  |
| vorm van kop signaleringseenheid   | Rond                               |
| type operator                      | blijven                            |
| profiel operator                   | Geel standaard hendel              |
| informatie positie operator        | 3 standen +/- 45°                  |

### Complementair

|                                |                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD totale breedte             | 29 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| CAD totale hoogte              | 29 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| CAD totale diepte              | 43 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| net weight                     | 0,036 kg                                                                                                                                                                                                                                                                                                                                                                                  |
| weerstand hoge druk drukring   | 7000000 Pa bij 55 °C, afstand: 0.1 m                                                                                                                                                                                                                                                                                                                                                      |
| mechanical durability          | 500000 cycles                                                                                                                                                                                                                                                                                                                                                                             |
| elektrische samenstellingscode | M3 voor <4 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED<br>M6 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met ingebouwde LED en transformator<br>M10 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED<br>M4 voor <4 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd met integrale LED |
| product presentatie            | Basisonderdeel                                                                                                                                                                                                                                                                                                                                                                            |

### Omgeving

|                                     |             |
|-------------------------------------|-------------|
| beschermende behandeling            | TH          |
| ambient air temperature for storage | -40...70 °C |

De weergegeven prijs is de adviesprijs in euro excl. BTW. Deze kan onderhevig zijn aan korting. Neem contact op met uw lokale distributeur of detailhandel voor de daadwerkelijke prijs

Disclaimer: Deze documentatie is niet bedoeld als vervanging voor en mag niet worden gebruikt voor het bepalen van de geschiktheid of betrouwbaarheid van deze producten voor specifieke gebruikerstoepassingen

|                                       |                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ambient air temperature for operation | -40...70 °C                                                                                                                                                          |
| overvoltage category                  | Klasse I conforming to IEC 60536                                                                                                                                     |
| IP beschermingsgraad                  | IP66 conform aan IEC 60529<br>IP67<br>IP69<br>IP69K                                                                                                                  |
| NEMA beschermingsgraad                | NEMA 13<br>NEMA 4X                                                                                                                                                   |
| IK-beschermingsgraad                  | IK04 conforming to IEC 50102                                                                                                                                         |
| standards                             | IEC 60947-5-5<br>UL 508<br>IEC 60947-5-1<br>JIS C8201-5-1<br>IEC 60947-5-4<br>IEC 60947-1<br>CSA C22.2 Nr 14<br>JIS C8201-1                                          |
| product certifications                | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL listed                                                                                                  |
| trilling bestendigheid                | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                                                                     |
| schokbestendigheid                    | 30 gn (duur = 18 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27<br>50 gn (duur = 11 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27 |

## Verpakkingseenheid

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 3,5 cm  |
| Package 1 Width              | 5 cm    |
| Package 1 Length             | 5,5 cm  |
| Package 1 Weight             | 41 g    |
| Unit Type of Package 2       | BB1     |
| Number of Units in Package 2 | 5       |
| Package 2 Height             | 3,5 cm  |
| Package 2 Width              | 5 cm    |
| Package 2 Length             | 26,5 cm |
| Package 2 Weight             | 205 g   |
| Unit Type of Package 3       | S02     |
| Number of Units in Package 3 | 100     |
| Package 3 Height             | 15 cm   |
| Package 3 Width              | 30 cm   |
| Package 3 Length             | 40 cm   |
| Package 3 Weight             | 4,42 kg |

Schneider Electric wil tegen 2050 de Net Zero-status hebben bereikt via partnerschappen in de toeleveringsketen, materialen met een lagere impact en circulariteit via onze doorlopende campagne "Use Better, Use Longer, Use Again" om de levensduur van producten en de recycleerbaarheid te verlengen.

[Uitleg van Environmental Data](#) >

[Hoe evalueren we de duurzaamheid van producten?](#) >

|                                                                                                                             |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <div>Milieuvoetafdruk</div>                |                                                                          |
| Totale levenscyclus ecologische voetafdruk                                                                                  | 1                                                                        |
| Use Better                                                                                                                  |                                                                          |
| <div>Materialen en verpakking</div>        |                                                                          |
| Pakket met gerecycleerd karton                                                                                              | Ja                                                                       |
| Verpakkingen zonder kunststof                                                                                               | Ja                                                                       |
| <a href="#">EU-richtlijn RoHS</a>                                                                                           | Voldoet pro-actief (Product valt niet onder de EU RoHS juridische scope) |
| REACH-regelgeving                                                                                                           | <a href="#">REACH-verklaring</a>                                         |
| Use Again                                                                                                                   |                                                                          |
| <div>Herverpakken en herfabriceren</div> |                                                                          |
| Terugname                                                                                                                   | No                                                                       |

Dimensions Drawings

Dimensions

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Mounting and Clearance

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> |                                 |

### **Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection**

### Panel Cut-outs (Viewed from Installer's Side)



**A:** 30 mm min. / 1.18 in. min.

**B:** 40 mm min. / 1.57 in. min.

### Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)

Dimensions in mm



**A:** 30 mm min.

**B:** 40 mm min.

Dimensions in in.



A: 1.18 in. min.

B: 1.57 in. min.

General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in:  $T_1 + T_2 = 0.3 \text{ mm max.}$

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm  $\pm 0.1$  / 0.88 in.  $\pm 0.004$
- Orientation of body/fixing collar ZB4 BZ009:  $\pm 2^\circ 30'$  (excluding cut-outs marked **a** and **b**).
- Tightening torque of screws ZBZ 006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB4 BZ079 fixing collar/pillar and its fixing screws:
  - every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
  - with each selector switch head (ZB4 BD\*, ZB4 BJ\*, ZB4 BG\*).

The fixing centers marked **a** and **b** are diagonally opposed and must align with those marked **4** and **5**.



(1) Panel

(2) Printed circuit board

#### Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ 01•
- 3  $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$  holes
- 4 1 hole  $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$ , for aligning the printed circuit board (with cut-out marked **a**)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked **b**)
- 6 4 holes  $\varnothing 2.4 \text{ mm} / 0.09 \text{ in.}$  for clipping in adapter ZBZ 01•

Dimensions An + 18.1 relate to the  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  holes for centring adapter ZBZ 01•.

Technical Description

Electrical Composition Corresponding to Code M3

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Electrical Composition Corresponding to Code M4

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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



Legend

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Single contact



Double contact



Light block



Possible location



Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°



|          |          |        |        |  |        |
|----------|----------|--------|--------|--|--------|
| Push     | Position | Top    |        |  |        |
|          |          | Bottom |        |  |        |
|          | Location |        | Left   |  | Right  |
|          | State    |        | 1      |  | 0      |
|          |          |        |        |  |        |
| Contacts | N/O      |        | closed |  | open   |
|          | N/C      |        | open   |  | closed |

Position 0°



|          |          |        |        |  |        |
|----------|----------|--------|--------|--|--------|
| Push     | Position | Top    |        |  |        |
|          |          | Bottom |        |  |        |
|          | Location |        | Left   |  | Right  |
|          | State    |        | 0      |  | 0      |
|          |          |        |        |  |        |
| Contacts | N/O      |        | open   |  | open   |
|          | N/C      |        | closed |  | closed |

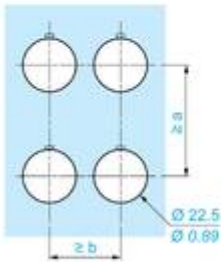
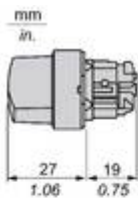
Position 45°



|          |          |        |                                                                                   |                                                                                   |                                                                                   |
|----------|----------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Push     | Position | Top    |  |  |                                                                                   |
|          |          | Bottom |  |                                                                                   |  |
|          | Location |        | Left                                                                              |                                                                                   | Right                                                                             |
|          | State    |        | 0                                                                                 |                                                                                   | 1                                                                                 |
|          |          |        |                                                                                   |                                                                                   |                                                                                   |
| Contacts | N/O      |        | open                                                                              |                                                                                   | closed                                                                            |
|          | N/C      |        | closed                                                                            |                                                                                   | open                                                                              |

Technical Illustration

Dimensions



|                                                                                     |                                                                                     | a (mm) | a (in.) | b (mm) | b (in.) |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---------|--------|---------|
|    |    | 40     | 1.57    | 30     | 1.18    |
| ZBE.....                                                                            | ZBV.....                                                                            |        |         |        |         |
|    |    | 45     | 1.77    | 32     | 1.26    |
| ZBE.....3                                                                           | ZBV.....3                                                                           |        |         |        |         |
|    |    | 40     | 1.57    | 30     | 1.18    |
| ZBE.....4                                                                           | ZBV.....4                                                                           |        |         |        |         |
|    |    | 50     | 1.97    | 30     | 1.18    |
| ZBE.....5                                                                           | ZBV.....5                                                                           |        |         |        |         |
|   |   | 40     | 1.57    | 30     | 1.18    |
| ZBE.....9                                                                           | ZBV.....9                                                                           |        |         |        |         |
|  |  | 40     | 1.57    | 30     | 1.18    |
| ZBRT•                                                                               | ZBRV1                                                                               |        |         |        |         |

Image of product / Alternate images

Alternative

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