

# Fișă tehnică produs

Specificatii



## Cap Buton dublu Luminos Alb Incastrat/Negru Incastrat Ø22 cu Marcaj

ZB4BW7A1724

### Principale

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| gama de produse                         | Harmony XB4                                    |
| Tip produs sau componenta               | Cap pentru buton cu cap dublu iluminat         |
| Compatibilitate produs                  | LED integral                                   |
| nume scurt al dispozitivului            | ZB4                                            |
| material rama                           | Metal cromat                                   |
| tip cap                                 | Standard                                       |
| diametrul de montaj                     | 22 mm                                          |
| cantitate indivizibila de vanzare       | 1                                              |
| forma a capului unitatii de semnalizare | Dreptunghiular                                 |
| tip de operator                         | revenire cu arc                                |
| profil operator                         | 2 butoane încastrate - 1 lampă pilot pe centru |
| descriere operatori                     | 'săgeată sus" albă - "săgeată jos" neagră      |

### Suplimentare

|                                          |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD latime globala                       | 30 mm                                                                                                                                                                                                                                                                                                                                                             |
| CAD inaltime globala                     | 50 mm                                                                                                                                                                                                                                                                                                                                                             |
| CAD adancime globala                     | 30 mm                                                                                                                                                                                                                                                                                                                                                             |
| greutate neta                            | 0,056 kg                                                                                                                                                                                                                                                                                                                                                          |
| rezistenta la spalare cu presiune inalta | 7000000 Pa la 55 °C, distanta : 0.1 m                                                                                                                                                                                                                                                                                                                             |
| culoare marcaj                           | Scris alb cu eticheta verde, roșie sau neagră<br>Scris negru pe eticheta albă                                                                                                                                                                                                                                                                                     |
| profil utilizator                        | Alb Incastrat, săgeată sus (negru)<br>Negru Incastrat, săgeată jos (alb)                                                                                                                                                                                                                                                                                          |
| durabilitate mecanica                    | 1000000 cic                                                                                                                                                                                                                                                                                                                                                       |
| cod compozitie electrica                 | M1 pentru <6 contacte utilizand monofilar bloc in montajin fata cu LED integral<br>M2 pentru <6 contacte utilizand single and double bloc in montajin fata cu LED integral<br>M6 pentru <2 contacte utilizand monofilar bloc in montajin fata cu integral LED and transformer<br>M10 pentru <2 contacte utilizand monofilar bloc in montajin fata cu LED integral |
| prezentare dispozitiv                    | Basic sub-assemblies                                                                                                                                                                                                                                                                                                                                              |

### Mediu

|                                         |             |
|-----------------------------------------|-------------|
| tratament protector                     | TH          |
| temperatura ambietala pentru depozitare | -40...70 °C |

Declinare de responsabilitate: Această documentație nu se substituie și nu trebuie utilizată pentru stabilirea adecvării sau fiabilității acestor produse pentru aplicații utilizator

|                                       |                                                                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| temperatura ambientala de functionare | -40...70 °C                                                                                                                                                                          |
| clasa de protectie la electrocutare   | Clasa I conforming to IEC 61140                                                                                                                                                      |
| grad de protectie IP                  | IP66 conformitate cu SR EN 60529<br>IP67 conformitate cu SR EN 60529<br>IP69<br>IP69K                                                                                                |
| grad de protectie NEMA                | NEMA 13<br>NEMA 4X                                                                                                                                                                   |
| grad de protectie IK                  | IK06 conforming to IEC 50102                                                                                                                                                         |
| standarde                             | SR EN 60947-5-4<br>IEC 60947-5-5<br>UL 60947-1<br>JIS C8201-5-1<br>IEC 60947-1<br>CSA C22.2 No 15<br>SR EN 60947-5-1<br>JIS C8201-1                                                  |
| certificari produs                    | CSA<br>LROS (Lloyds register of shipping)<br>BV<br>listat de UL<br>DNV                                                                                                               |
| rezistenta la vibratii                | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                                                                                     |
| rezistenta la socuri                  | 30 gn (durata = 18 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27<br>50 gn (durata = 11 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27 |

## Unitati de ambalare

|                                                      |           |
|------------------------------------------------------|-----------|
| Unitate de masura pentru prima forma de impachetare  | PCE       |
| Număr de produse în pachet                           | 1         |
| Inaltime prima forma de impachetare                  | 2,800 cm  |
| Latime prima forma de impachetare                    | 4,400 cm  |
| Lungime prima forma de impachetare                   | 4,800 cm  |
| Greutate colet(Lbs)                                  | 57,000 g  |
| Unitate de masura pentru a doua forma de impachetare | S03       |
| Numar unitati in a doua forma de impachetare         | 200       |
| Inaltime a doua forma de impachetare                 | 30,000 cm |
| Latime a doua forma de impachetare                   | 30,000 cm |
| Lungime a doua forma de impachetare                  | 40,000 cm |
| Greutate a doua forma de impachetare                 | 11,763 kg |

## Garanție contractuală

|                    |    |
|--------------------|----|
| Garantie (in luni) | 18 |
|--------------------|----|



## Environmental Data

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

Environmental Data explicate >

Cum evaluam sustenabilitatea produselor >

 **Amprenta de mediu**

|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Amprenta de carbon totala pe durata de viata | 1                                                |
| Raport de mediu                              | <a href="#">Profilul ambiental al produsului</a> |

### Use Better

 **Materiale si ambalare**

|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| Pachet cu carton reciclabil       | Da                                                                        |
| Ambalaj fara plastic              | Da                                                                        |
| <a href="#">Directiva RoHS UE</a> | Conformitate proactivă (Produs în afara domeniului de aplicare a EU RoHS) |
| Regulamentul REACH                | <a href="#">Declaratia REACH</a>                                          |

### Use Longer

 **Prelungire durata de viata**

|          |    |
|----------|----|
| Reparare | Nu |
|----------|----|

### Use Again

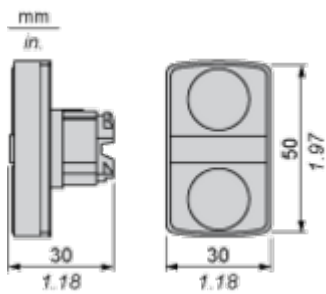
 **Reambalare si refabricare**

|                                        |                                                               |
|----------------------------------------|---------------------------------------------------------------|
| Profil circularitate                   | <a href="#">Informatii privind sfarsitul duratei de viata</a> |
| Preluare la sfarsitul duratei de viata | Da                                                            |

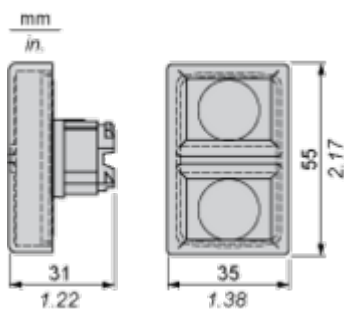
Dimensions Drawings

Dimensions

Without Boot



With Boot ZBA708



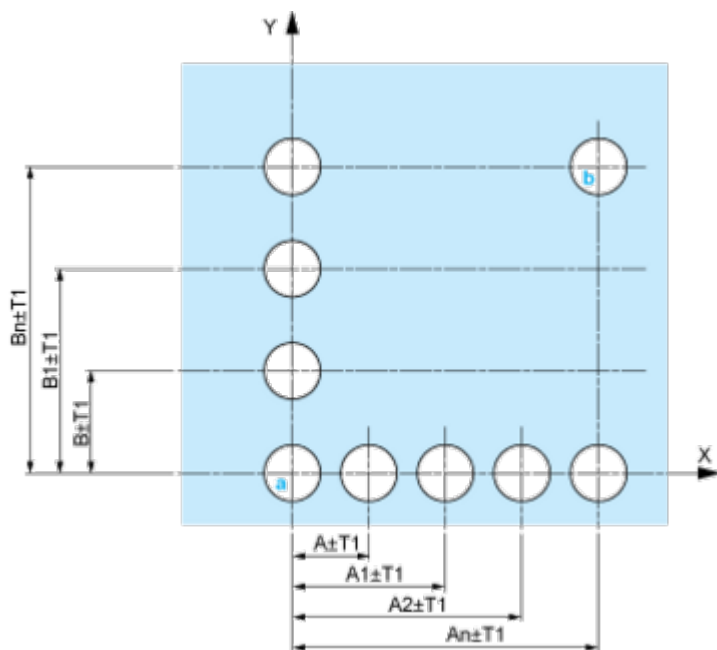
Mounting and Clearance

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                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                            |  |
| <div>(1) Diameter on finished panel or support</div> <div>(2) 40 mm min. / 1.57 in. min.</div> <div>(3) 30 mm min. / 1.18 in. min.</div> <div>(4) 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) 45 mm min. / 1.78 in. min.</div> <div>(6) 32 mm min. / 1.26 in. min.</div> |                                                                                    |

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

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

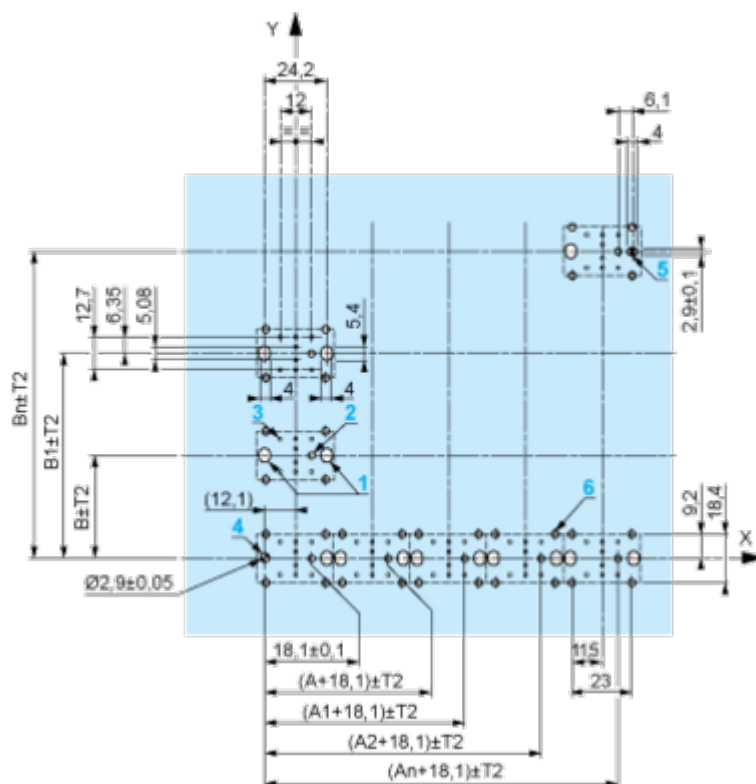


**A:** 30 mm min. / 1.18 in. min.

**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.

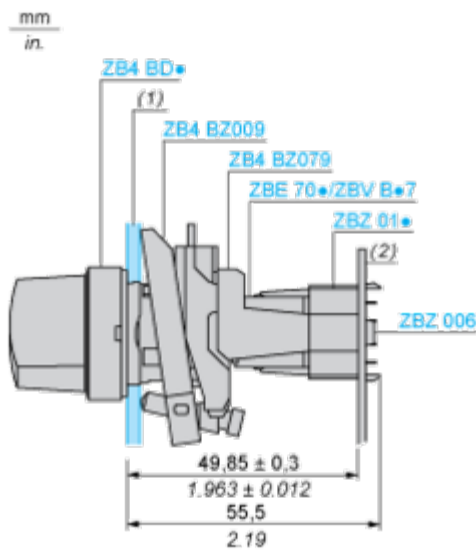
General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in:  $T1 + T2 = 0.3 \text{ mm max.}$

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

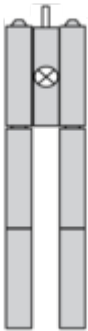
Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 3 8 × Ø 1.2 mm / 0.05 in. holes
- 4 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 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 Ø 2.4 mm / 0.09 in. for clipping in adapter ZBZ 01•

Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



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



Legend

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Single contact



Double contact



Light block

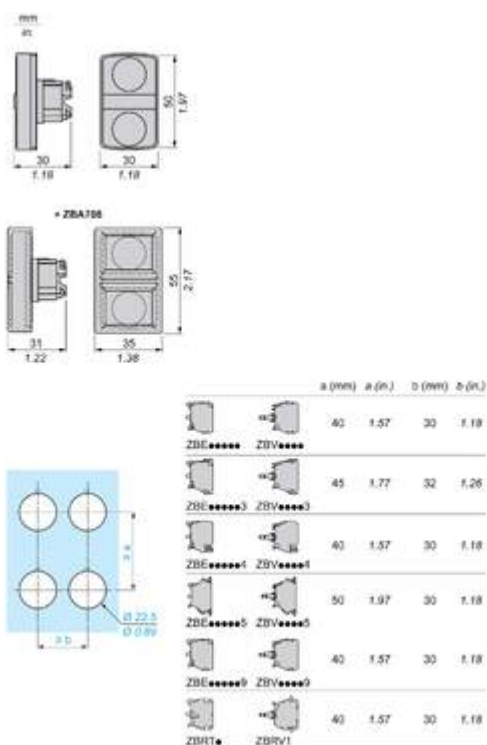


Possible location



### Technical Illustration

## Dimensions



Offer Marketing Illustration

Product benefits / Features

### Features

Harmony XB4/XB5 Illuminated functions



NEW universal LED Block for all colors





Simple stock management





Improved installation time and easy selection





Improved color intensity and brightness



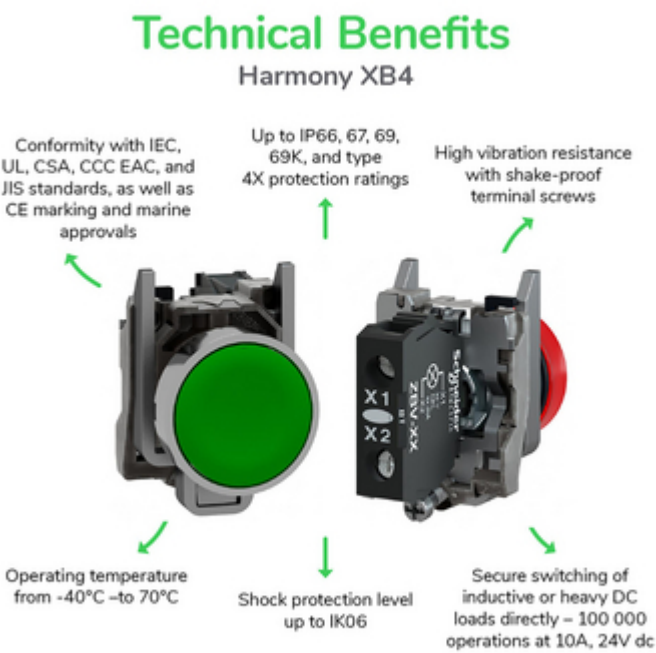
17 dec. 2025

Life Is On | Schneider Electric

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Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

### Features

Harmony XB4



Quick and easy assembly and disassembly



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Excellent mechanical connection with operator head



Large set of accessories to customize your panels



Robustness to withstand harsh environments



Image of product / Alternate images

Alternative

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