

# Productinformatieblad

Specificaties



## Kop voor lampje Ø22mm, rond glad kapje Geel

ZB4BV053E

**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: 3389110290332

**Prijs: 6,44 EUR**

### Hoofd

|                                    |                                               |
|------------------------------------|-----------------------------------------------|
| range of product                   | Harmony XB4                                   |
| product of component type          | Kop voor controlelampje                       |
| compatibiliteit product            | Universele LED                                |
| device short name                  | ZB4                                           |
| kraag materiaal                    | Verchroomd metaal                             |
| bevestigingsdiameter               | 22 mm                                         |
| verkoop per ondeelbare hoeveelheid | 1                                             |
| koptype                            | Standaard                                     |
| vorm van kop signaleringseenheid   | Rond                                          |
| kap/operator of lenskleur          | Oranje                                        |
| extra informatie operator          | Met gewone lens, voor invoegen van bijschrift |

### Complementair

|                                |                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| CAD totale breedte             | 29 mm                                                                                                      |
| CAD totale hoogte              | 29 mm                                                                                                      |
| CAD totale diepte              | 30 mm                                                                                                      |
| gewicht product                | 0,026 kg                                                                                                   |
| weerstand hoge druk drukring   | 7000000 Pa om 55 °C, afstand: 0.1 m                                                                        |
| elektrische samenstellingscode | P1 in vooraan gemonteerd met integrale LED<br>P2 in vooraan gemonteerd met ingebouwde LED en transformator |
| product presentatie            | Basisonderdeel                                                                                             |

### Omgeving

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| beschermende behandeling            | TH                                                             |
| ambient air temperature for storage | -40...70 °C                                                    |
| omgevingstemperatuur voor werking   | -40...70 °C                                                    |
| overvoltage category                | Klasse I In overeenstemming met IEC 60536                      |
| IP beschermingsgraad                | IP66 In overeenstemming met IEC 60529<br>IP67<br>IP69<br>IP69K |

|                                                                                                                                                                                         |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Enclosure Type                                                                                                                                                                          | UL type 4X/13 |
| 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

|                        |                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IK-beschermingsgraad   | IK06 In overeenstemming met IEC 50102                                                                                                                                                      |
| standards              | IEC 60947-1<br>UL 508<br>IEC 60947-5-5<br>IEC 60947-5-4<br>CSA C22.2 Nr 14<br>JIS C8201-5-1<br>IEC 60947-5-1<br>JIS C8201-1                                                                |
| trilling bestendigheid | 5 gn (f= 2...500 Hz) In overeenstemming met IEC 60068-2-6                                                                                                                                  |
| schokbestendigheid     | 30 gn (duur = 18 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27<br>50 gn (duur = 11 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 |

## Verpakkingseenheid

|                                 |           |
|---------------------------------|-----------|
| Eenheidstype van verpakking 1   | PCE       |
| Aantal eenheden in verpakking 1 | 1         |
| verpakking 1 hoogte             | 3,000 cm  |
| verpakking 1 breedte            | 3,600 cm  |
| verpakking 1 lengte             | 4,800 cm  |
| verpakking_1_gewicht            | 27,000 g  |
| Eenheidstype van verpakking 2   | S02       |
| Aantal eenheden in verpakking 2 | 150       |
| verpakking 2 hoogte             | 15,000 cm |
| verpakking 2 breedte            | 30,000 cm |
| verpakking 2 lengte             | 40,000 cm |
| verpakking 2 gewicht            | 4,458 kg  |

## contractuele waarborg

|                       |    |
|-----------------------|----|
| Garantie (in maanden) | 18 |
|-----------------------|----|



## Environmental Data

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?](#) >



### Milieuvoetafdruk

|                                                         |                |
|---------------------------------------------------------|----------------|
| Totale levenscyclus ecologische voetafdruk              | 0.3 kg CO2 eq. |
| Koolstofvoetafdruk van de fabricagefase [A1–A3]         | 0.2 kg CO2 eq. |
| Koolstofvoetafdruk van de distributiefase [A4]          | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de installatiefase [A5]          | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de gebruiksfase [B2, B3, B4, B6] | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de einde-levensfase [C1–C4]      | 0.1 kg CO2 eq. |

## Use Better



### Materialen en verpakking

|                                              |                                                                |
|----------------------------------------------|----------------------------------------------------------------|
| Gemiddeld percentage gerecycleerde kunststof | 44 %                                                           |
| Gemiddeld percentage gerecycleerd metaal     | 20 %                                                           |
| Pakket met gerecycleerd karton               | Ja                                                             |
| Verpakkingen zonder kunststof                | Ja                                                             |
| RoHS-richtlijn van de EU                     | <a href="#">Conform</a>                                        |
| REACH-verordening                            | <a href="#">Referentie bevat geen SVHC boven drempelwaarde</a> |

## Use Longer



### Levensduurverlenging

|           |     |
|-----------|-----|
| Reparatie | Nee |
|-----------|-----|

## Use Again

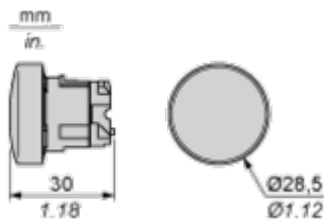


### Herverpakken en herfabriceren

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Circulair Profiel | <a href="#">Informatie over einde levensduur</a> |
| Terugname         | Ja                                               |

Dimensions Drawings

Dimensions



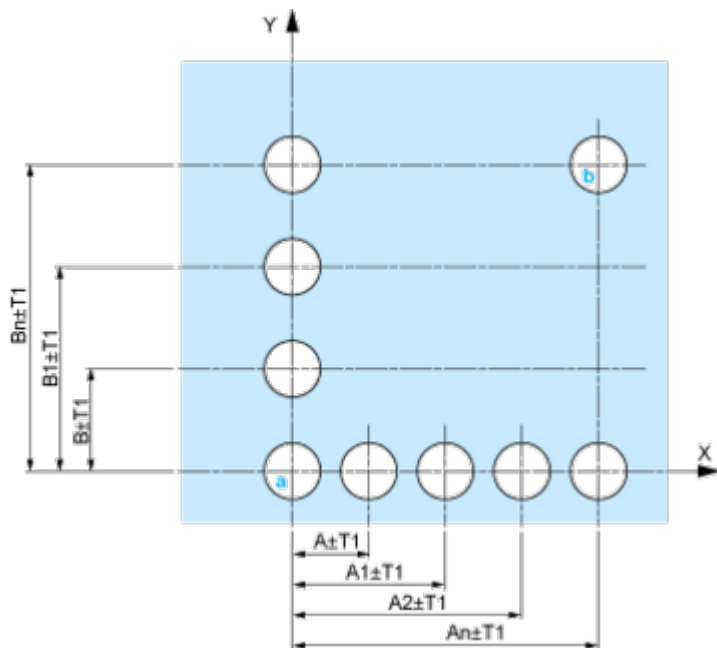
Mounting and Clearance

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<sub>0</sub><sup>+0.4</sup> / 0.88 in.<sub>0</sub><sup>+0.016</sup>)</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)

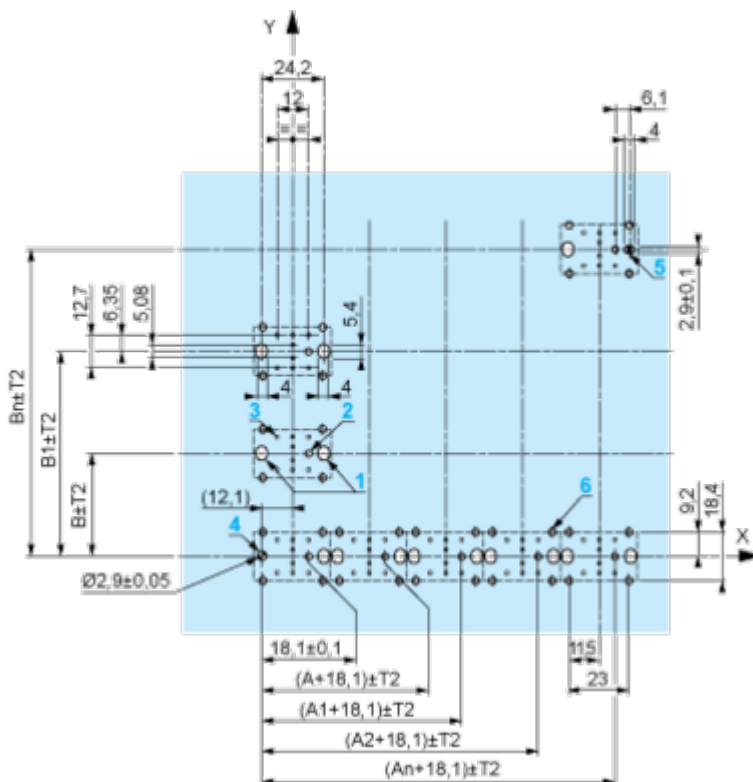


**A:** 30 mm min. / 1.18 in. min.

**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.

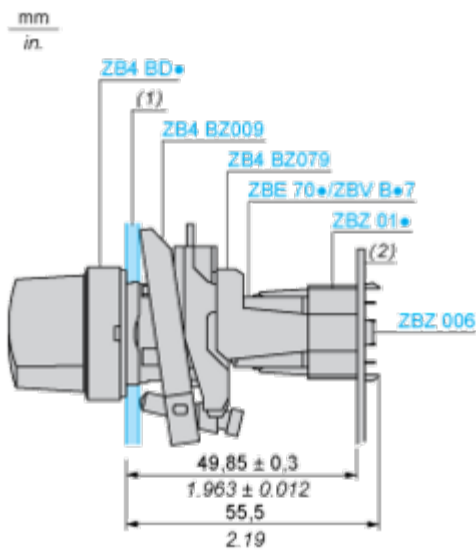
General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in: T1 + T2 = 0.3 mm max.

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB4 BZ009: ± 2° 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

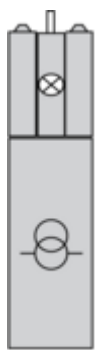
Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Codes M6 and P2

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Legend

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Single contact



Double contact



Light block

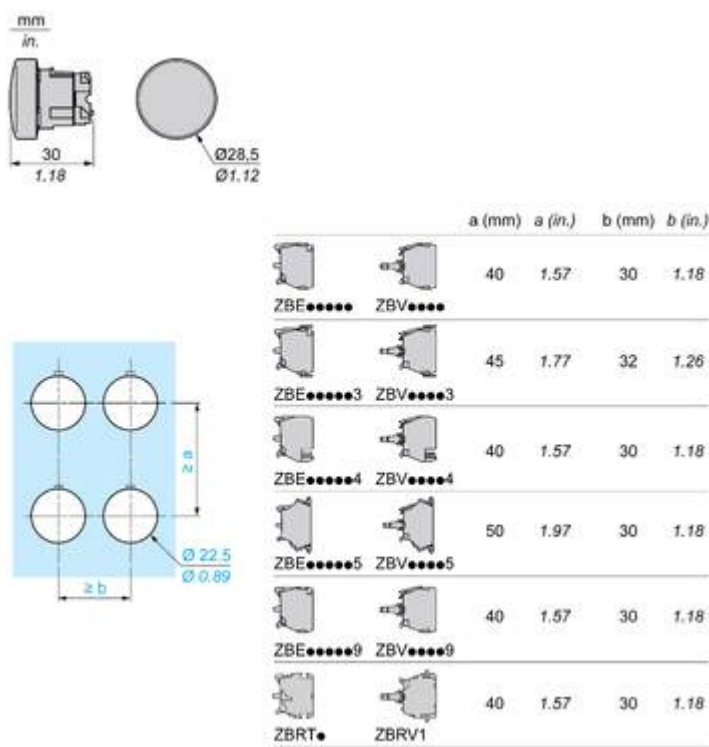


Possible location



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





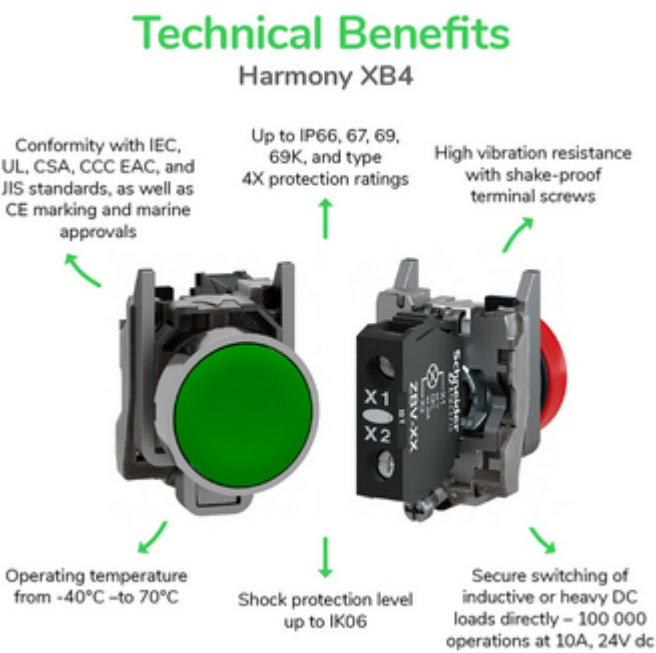


Improved color intensity and brightness



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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