



## white flush pushbutton head for legend insertion cp grey

ZB5AA18C0

**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: 3606489761868

**Prijs: 8,83 EUR**

### Hoofd

|                                    |                                |
|------------------------------------|--------------------------------|
| range of product                   | Harmony XB5                    |
| product or component type          | Kop voor verlichte drukknop    |
| device short name                  | ZB5                            |
| compatibiliteit product            | Universele LED                 |
| kraag materiaal                    | Kunststof gekleurd grijs       |
| bevestigingsdiameter               | 22 mm                          |
| verkoop per ondeelbare hoeveelheid | 1                              |
| koptype                            | Standaard                      |
| vorm van kop signaleringseenheid   | Rond                           |
| type operator                      | terugverend                    |
| operator profiel                   | Wit verzonken, niet gemarkeerd |
| extra informatie operator          | Voor invoegen van bijschrift   |

### Complementair

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| CAD totale breedte           | 29 mm                                                |
| CAD totale hoogte            | 29 mm                                                |
| CAD totale diepte            | 30 mm                                                |
| net weight                   | 0,018 kg                                             |
| weerstand hoge druk drukring | 7000000 Pa bij 55 °C, afstand: 0.1 m                 |
| mechanical durability        | 10000000 cycles                                      |
| naam station                 | XALD 1...5 uitsnijdingen<br>XALK 2...5 uitsnijdingen |
| kap/operator of lenskleur    | Wit                                                  |
| markering                    | Niet gemarkeerd                                      |

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

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| elektrische samenstellingscode | M1 voor <6 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED<br>M2 voor <6 contacten met enkelvoudig en dubbel 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>MF1 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED<br>MR1 voor <2 contacten met enkelvoudig blokken in montage aan achterzijde met integrale LED<br>C3 voor <6 contacten met enkelvoudig blokken in vooraan gemonteerd<br>C4 voor <6 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C14 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd<br>SF2 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd<br>SR2 voor <2 contacten met enkelvoudig blokken in montage aan achterzijde |
| product presentatie            | Basisonderdeel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Omgeving

|                                       |                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| beschermende behandeling              | TC                                                                                                                                                                   |
| ambient air temperature for storage   | -40...70 °C                                                                                                                                                          |
| ambient air temperature for operation | -40...70 °C                                                                                                                                                          |
| overvoltage category                  | Klasse II conforming to IEC 60536                                                                                                                                    |
| IP beschermingsgraad                  | IP66 conform aan IEC 60529<br>IP67                                                                                                                                   |
| NEMA beschermingsgraad                | NEMA 13<br>NEMA 4X                                                                                                                                                   |
| IK-beschermingsgraad                  | IK03 conforming to IEC 62262                                                                                                                                         |
| standards                             | UL 508<br>IEC 60947-5-1<br>GB 14048.5<br>IEC 60947-1<br>IEC 60947-5-4<br>CSA C22.2 Nr 14<br>JIS C8201-5-1<br>JIS C8201-1                                             |
| product certifications                | BV<br>CSA<br>DNV<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             | 3,400 cm |
| Package 1 Width              | 5,300 cm |
| Package 1 Length             | 9,000 cm |
| Package 1 Weight             | 20,000 g |

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](#) >

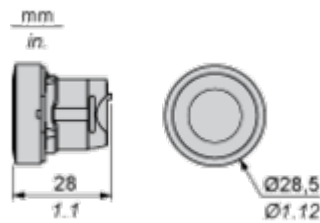
[Hoe evalueren we de duurzaamheid van producten?](#) >

|                                                                                                                             |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <div>Milieuvoetafdruk</div>                |                                                                          |
| Milieuprofiel van product (PEP)                                                                                             | <a href="#">Milieuprofiel van het product</a>                            |
| Use Better                                                                                                                  |                                                                          |
| <div>Materialen en verpakking</div>        |                                                                          |
| Pakket met gerecycleerd karton                                                                                              | Ja                                                                       |
| Verpakkingen zonder kunststof                                                                                               | Nee                                                                      |
| <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> |                                                                          |
| Circulair Profiel                                                                                                           | <a href="#">Informatie over einde levensduur</a>                         |
| Terugname                                                                                                                   | No                                                                       |

Dimensions Drawings

Dimensions

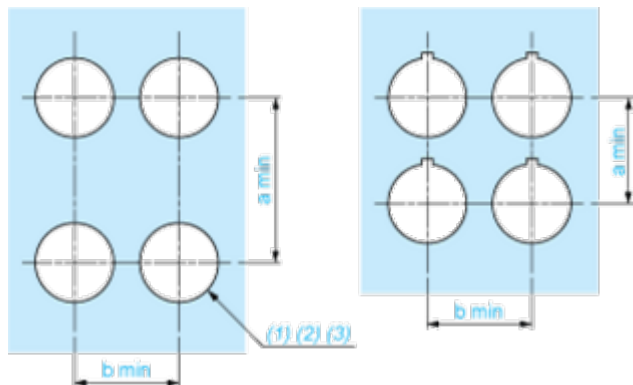
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Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

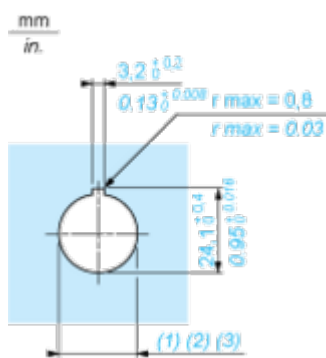
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support  
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.  
(3) Ø22.5 mm recommended ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |
| On printed circuit board                      | 30      | 1.18     | 30      | 1.18     |

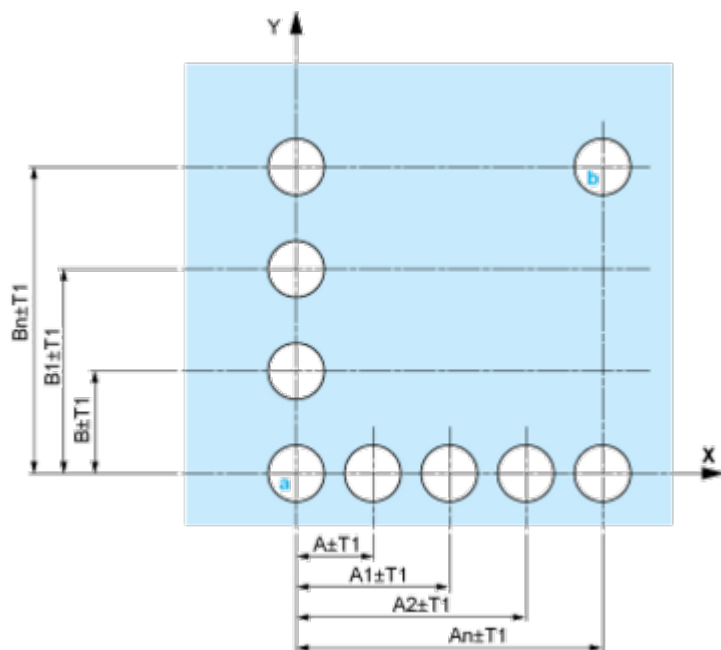
Detail of Lug Recess



- (1) Diameter on finished panel or support  
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.  
(3) Ø22.5 mm recommended ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )

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

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

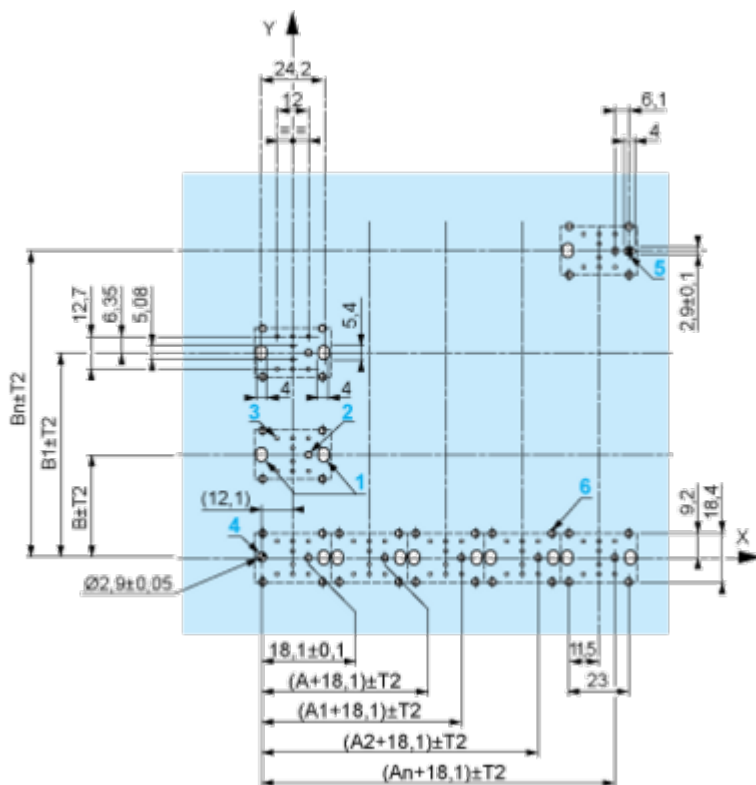


**A:** 30 mm min. / 1.18 in. min.

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

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

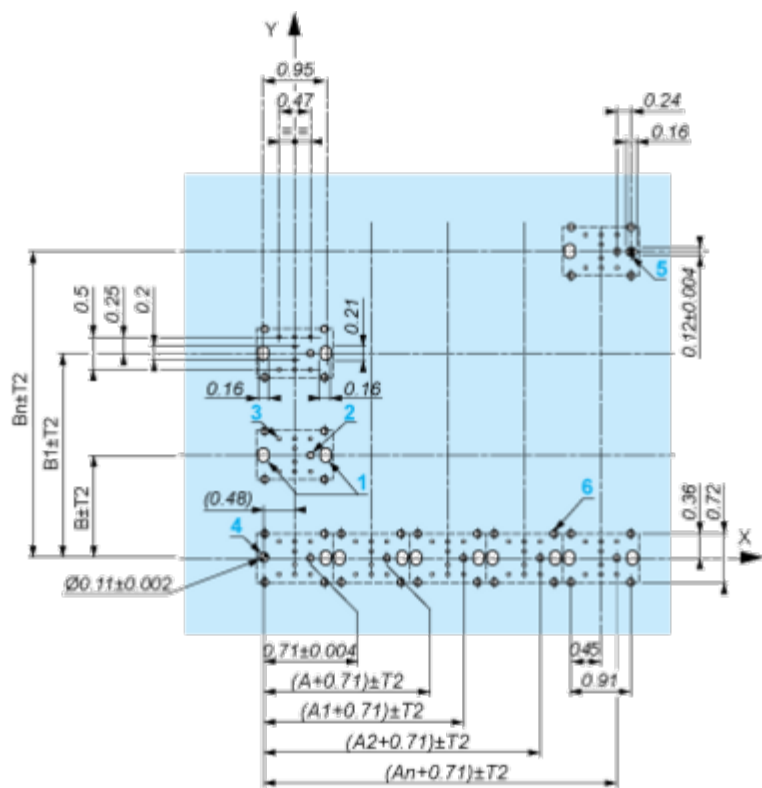
Dimensions in mm



**A:** 30 mm min.

**B: 40 mm min.**

Dimensions in in.



A: 1.18 in. min.

B: 1.57 in. min.

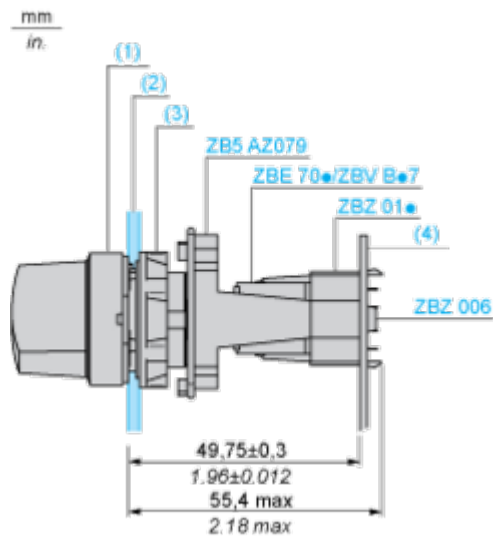
General Tolerances of the Panel and Printed Circuit Board

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 ZB5AZ009: ± 2° 30' (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB5AZ079 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 (ZB5AD\*, ZB5AJ\*, ZB5AG\*).

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



- (1) Head ZB5AD•
- (2) Panel
- (2) Nut
- (4) Printed circuit board

**Mounting of Adapter (Socket) ZBZ01•**

- 1 2 elongated holes for ZBZ006 screw access
- 2 1 hole  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 for centring adapter ZBZ01•
- 3 8  $\times$   $\varnothing$  1.2 mm / 0.05 in. holes
- 4 1 hole  $\varnothing$  2.9 mm  $\pm$  0.05 / 0.11 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 mm / 0.09 in. for clipping in adapter ZBZ01•

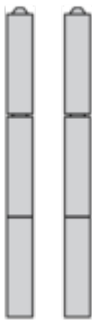
Dimensions An + 18.1 relate to the  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 holes for centring adapter ZBZ01•.



Technical Description

Electrical Composition Corresponding to Code C3

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Electrical Composition Corresponding to Code C4

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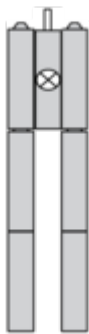
Electrical Composition Corresponding to Codes C14, SF2 and SR2

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Electrical Composition Corresponding to Codes M1 and M7

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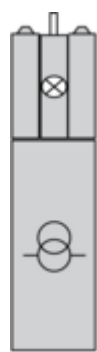
Electrical Composition Corresponding to Codes M2 and M8

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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

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Legend

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Single contact



Double contact



Light block



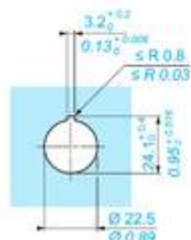
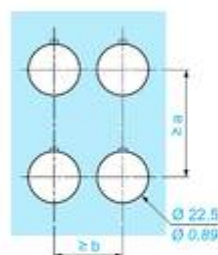
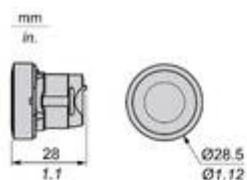
Possible location





## 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    |
| ZBRV1                                                                              | ZBRV1                                                                              |        |         |        |         |

Image of product / Alternate images

Alternative

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