

# Fișă tehnică produs

Specificatii



## Capac de Lampa Pilot, Ø 22, Rotund, Lentila Simpla Alba

ZB5AV013

### Principale

|                                         |                        |
|-----------------------------------------|------------------------|
| gama de produse                         | Harmony XB5            |
| Tip produs sau componenta               | Cap pentru lampa pilot |
| Compatibilitate produs                  | Universal LED          |
| nume scurt al dispozitivului            | ZB5                    |
| material rama                           | Plastic gri inchis     |
| diametrul de montaj                     | 22 mm                  |
| tip cap                                 | Standard               |
| cantitate indivizibila de vanzare       | 1                      |
| forma a capului unitatii de semnalizare | Rotund                 |
| capac/operator sau culoare lentila      | Alb                    |
| informatii suplimentare operator        | Cu lentila simpla      |

### Suplimentare

|                          |                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD latime globala       | 29 mm                                                                                                                                                                     |
| CAD inaltime globala     | 29 mm                                                                                                                                                                     |
| CAD adancime globala     | 31 mm                                                                                                                                                                     |
| greutate produs          | 0,017 kg                                                                                                                                                                  |
| numele statiei           | XALD 1...5 predecupări<br>XALK 2...5 predecupări                                                                                                                          |
| cod compozitie electrica | P1 in montajin fata cu LED integral<br>P2 in montajin fata cu integral LED and transformer<br>PF1 in montajin fata cu LED integral<br>PR1 in montaj spate cu LED integral |
| prezentare dispozitiv    | Element de baza                                                                                                                                                           |

### Mediu

|                                         |                                                                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| tratament protector                     | TH                                                                                                                                          |
| temperatura ambietala pentru depozitare | -40...70 °C                                                                                                                                 |
| temperatura ambientala de functionare   | -40...70 °C                                                                                                                                 |
| categorie de supratensiune              | Clasa II conforming to IEC 60536                                                                                                            |
| grad de protectie IP                    | IP66 conformitate cu SR EN 60529<br>IP67 conformitate cu SR EN 60529<br>IP69 conformitate cu SR EN 60529<br>IP69K conformitate cu ISO 20653 |

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

|                                          |                                                                                                                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| grad de protectie NEMA                   | NEMA 13<br>NEMA 4X                                                                                                                                                                   |
| rezistenta la spalare cu presiune inalta | 7000000 Pa la 55 °C, distanta : 0.1 m                                                                                                                                                |
| grad de protectie IK                     | IK05 conforming to IEC 50102                                                                                                                                                         |
| Standarde                                | SR EN 60947-5-1<br>CSA C22.2 No 15<br>IEC 60947-1<br>IEC 60947-5-5<br>UL 60947-1<br>JIS C8201-5-1<br>SR EN 60947-5-4<br>JIS C8201-1                                                  |
| 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       |
| Numar unitati in prima forma de impachetare           | 1         |
| Inaltime prima forma de impachetare                   | 4,500 cm  |
| Latime prima forma de impachetare                     | 3,400 cm  |
| Lungime prima forma de impachetare                    | 5,400 cm  |
| Greutate prima forma de impachetare                   | 16,000 g  |
| Unitate de masura pentru a doua forma de impachetare  | S03       |
| Numar unitati in a doua forma de impachetare          | 300       |
| 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                  | 5,262 kg  |
| Unitate de masura pentru a treia forma de impachetare | P06       |
| Numar unitati in a treia forma de impachetare         | 2400      |
| Inaltime a treia forma de impachetare                 | 75,000 cm |
| Latime a treia forma de impachetare                   | 60,000 cm |
| Lungime a treia forma de impachetare                  | 80,000 cm |
| Greutate a treia forma de impachetare                 | 50,684 kg |

## Garanție contractuală

|          |         |
|----------|---------|
| Garantie | 18 luni |
|----------|---------|

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 >

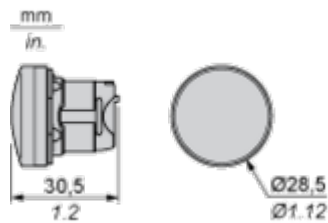
Cum evaluam sustenabilitatea produselor >

|                                        |                                                                           |
|----------------------------------------|---------------------------------------------------------------------------|
| Amprenta de mediu                      |                                                                           |
| Amprenta de carbon (kg CO2 eq.)        | 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 proactiva (Produs in afara domeniului de aplicare a EU RoHS) |
| Regulamentul REACH                     | <a href="#">Declaratia REACH</a>                                          |
| Use Again                              |                                                                           |
| Reambalare si refabricare              |                                                                           |
| Profil circularitate                   | <a href="#">Informatii privind sfarsitul duratei de viata</a>             |
| Preluare la sfarsitul duratei de viata | No                                                                        |

Dimensions Drawings

Dimensions

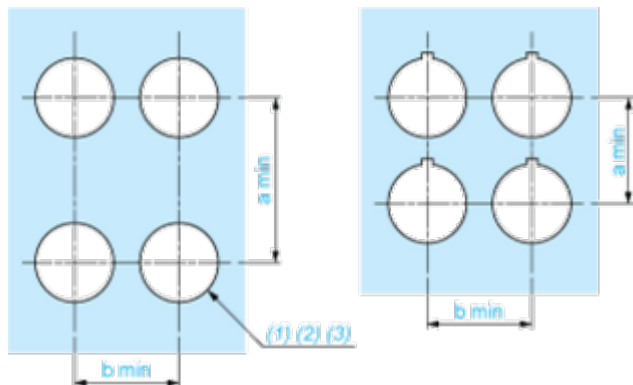
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Mounting and Clearance

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

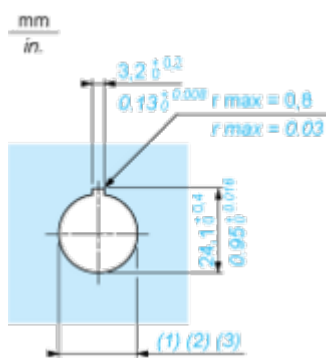
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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     |

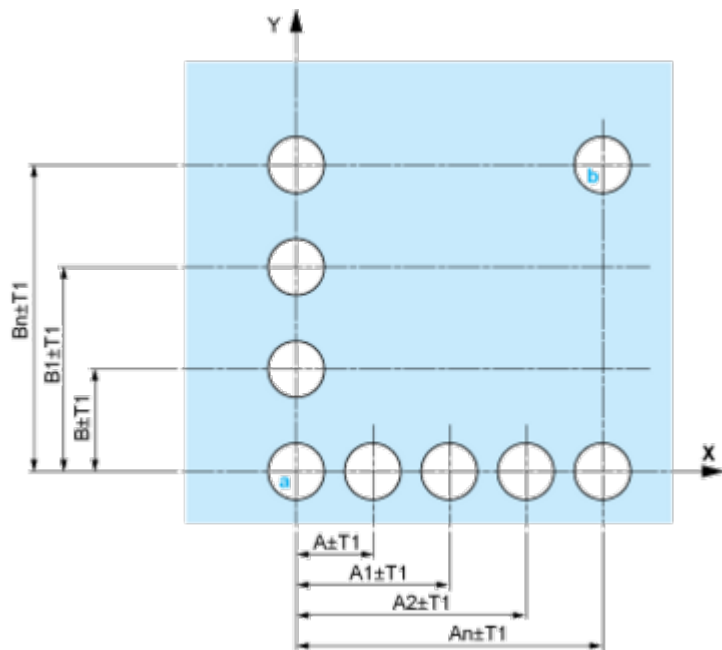
Detail of Lug Recess



- (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

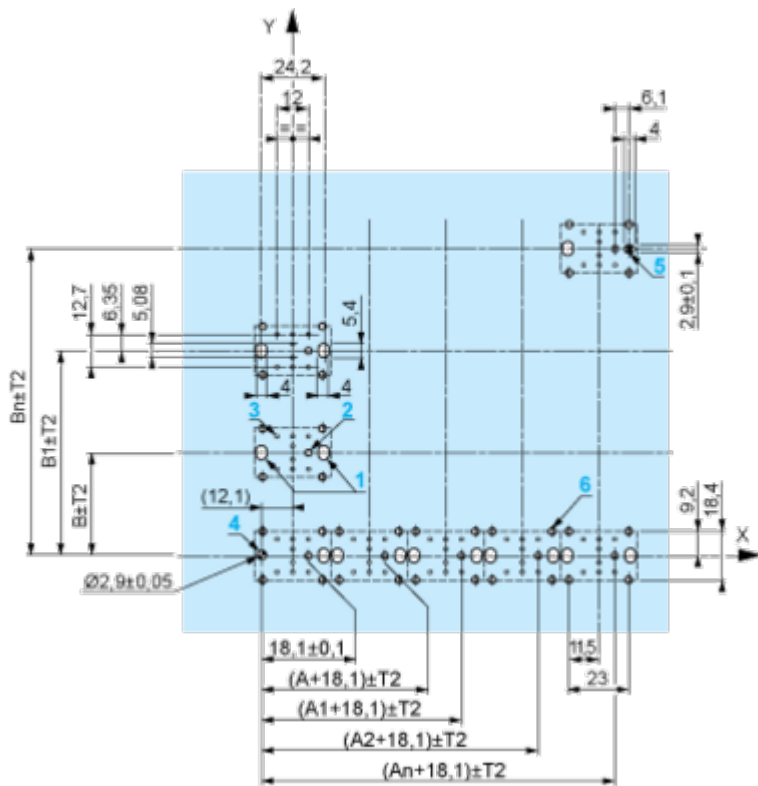
Panel Cut-outs (Viewed from Installer's Side)



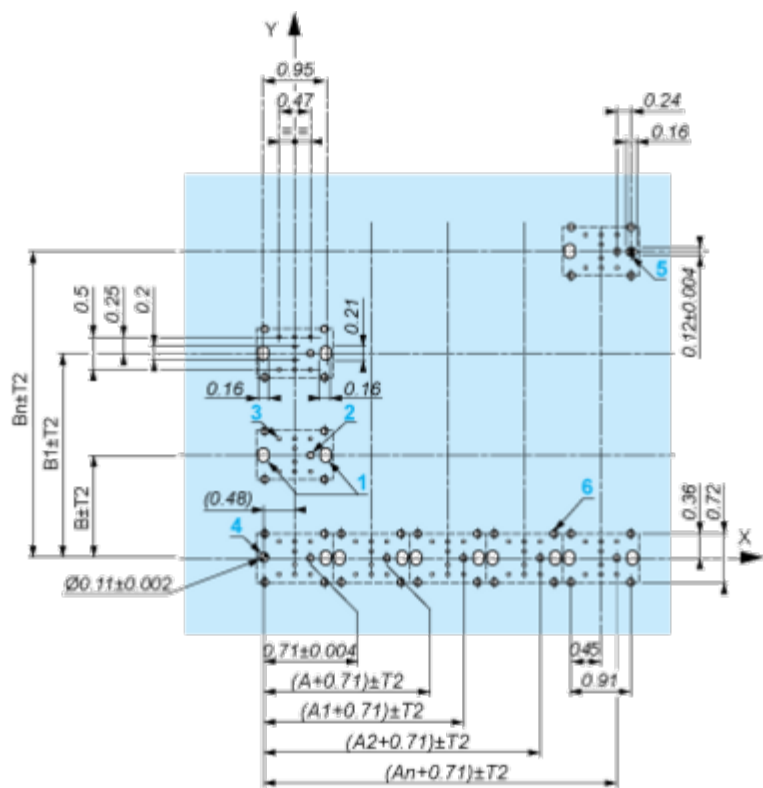
A: 30 mm min. / 1.18 in. min.  
B: 40 mm min. / 1.57 in. min.

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.

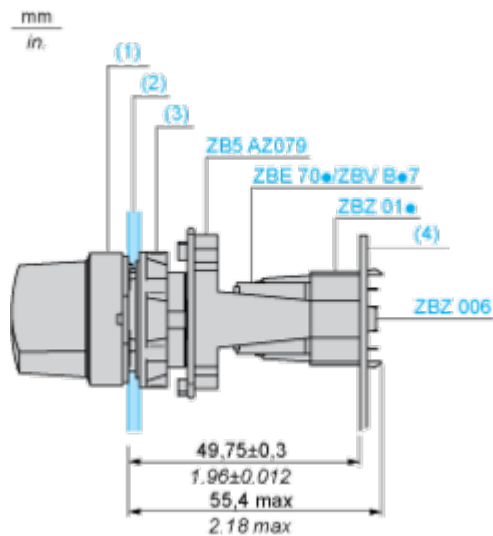
General Tolerances of the Panel and Printed Circuit Board

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  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ01•
- 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 ZBZ01•

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 ZBZ01•.



Technical Description

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

Light block



Electrical Composition Corresponding to Code P4

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Legend

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Single contact



Double contact



Light block

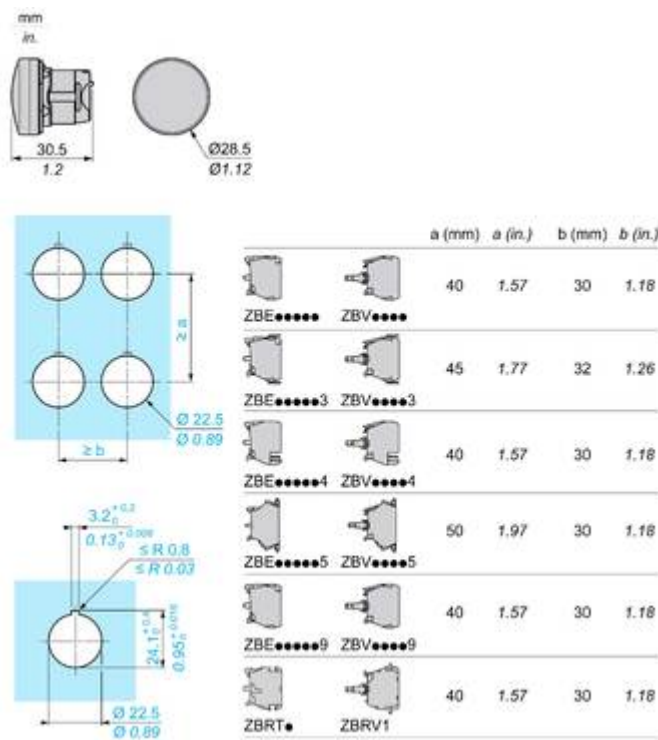


Possible location



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

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### Features

Harmony XB5



Quick and easy assembly and disassembly



Excellent mechanical connection with operator head



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



Robustness to withstand harsh environments



Large set of accessories to customize your panels



Image of product / Alternate images

Alternative

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