

# Fișă tehnică produs

Specificatii



## Cap de Buton Iluminat, Ø 22, Verde, pentru Inserare Legenda

ZB5AA38

### Principale

gama de produse	Harmony XB5
Tip produs sau componenta	Cap pentru buton iluminat
nume scurt al dispozitivului	ZB5
Compatibilitate produs	Universal LED
material rama	Plastic gri inchis
diametrul de montaj	22 mm
cantitate indivizibila de vanzare	1
tip cap	Standard
forma a capului unitatii de semnalizare	Rotund
tip de operator	revenire cu arc
profil utilizator	Verde Incastrat, nemarcat
informatii suplimentare operator	Pentru inserarea legendei

### Suplimentare

CAD latime globala	29 mm
CAD inaltime globala	29 mm
CAD adancime globala	30 mm
greutate produs	0,018 kg
rezistenta la spalare cu presiune inalta	7000000 Pa la 55 °C, distanta : 0.1 m
durabilitate mecanica	10000000 cic
numele statiei	XALD 1...5 predecupări XALK 2...5 predecupări
culoarea lentilei sau a capacului	Verde
marcaj	Nemarcat
cod compozitie electrica	M1 pentru <6 contacte utilizand monofilar bloc in montajin fata cu LED integral M2 pentru <6 contacte utilizand single and double bloc in montajin fata cu LED integral M6 pentru <2 contacte utilizand monofilar bloc in montajin fata cu integral LED and transformer M10 pentru <2 contacte utilizand monofilar bloc in montajin fata cu LED integral MF1 pentru <2 contacte utilizand monofilar bloc in montajin fata cu LED integral MR1 pentru <2 contacte utilizand monofilar bloc in montaj spate cu LED integral C3 pentru <6 contacte utilizand monofilar bloc in montajin fata C4 pentru <6 contacte utilizand single and double bloc in montajin fata C14 pentru <2 contacte utilizand monofilar bloc in montajin fata SF2 pentru <2 contacte utilizand monofilar bloc in montajin fata SR2 pentru <2 contacte utilizand monofilar bloc in montaj spate
prezentare dispozitiv	Element de baza

## Mediu

tratament protector	TC
temperatura ambietala pentru depozitare	-40...70 °C
temperatura ambietala de functionare	-40...70 °C
categorii de supratensiune	Clasa II conforming to IEC 60536
grad de protectie IP	IP66 conformitate cu SR EN 60529 IP67 IP69 IP69K
Enclosure Type	UL type 4X/13
grad de protectie IK	IK03 conformitate cu IEC 62262
Standarde	IEC 60947-1 JIS C8201-5-1 GB 14048.5 UL 60947-1 CSA C22.2 No 15 SR EN 60947-5-4 SR EN 60947-5-1 JIS C8201-1
certificari produs	DNV CSA BV LROS (Lloyds register of shipping) listat de UL
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 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	8,800 cm
Latime prima forma de impachetare	3,400 cm
Lungime prima forma de impachetare	5,400 cm
Greutate colet(Lbs)	21,000 g
Unitate de masura pentru a doua forma de impachetare	S03
Numar unitati in a doua forma de impachetare	150
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	3,597 kg
Unitate de masura pentru a treia forma de impachetare	P06
Numar unitati in a treia forma de impachetare	1200
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	39,404 kg
--	-----------

## Garanție contractuală

---

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

Schneider Electric își propune să atingă nivelul Net Zero până în 2050 prin parteneriate la nivelul lanțului de aprovizionare, materiale cu impact mai redus și circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viață a produselor și reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluăm sustenabilitatea produselor >](#)

### **Amprenta de mediu**

Amprenta de carbon totală pe durata de viață	0.2 kg CO2 eq.
Amprenta de carbon a fazei de fabricație [A1–A3]	0.1 kg CO2 eq.
Amprenta de carbon a fazei de distribuție [A4]	0 kg CO2 eq.
Amprenta de carbon a fazei de instalare [A5]	0 kg CO2 eq.
Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6]	0 kg CO2 eq.
Amprenta de carbon a fazei de sfârșit de viață [C1–C4]	0 kg CO2 eq.

### **Use Better**

#### **Materiale și ambalare**

Procentul mediu de conținut de plastic reciclat	6 %
Procentul mediu de conținut de metal reciclat	29 %
Pachet cu carton reciclabil	Da
Ambalaj fără plastic	Nu
Directiva RoHS a UE	<a href="#">Conform</a>
Regulamentul REACH	<a href="#">Referința conține SVHC peste prag</a>

### **Use Longer**

#### **Prelungire durată de viață**

Reparare	Nu
----------	----

### **Use Again**

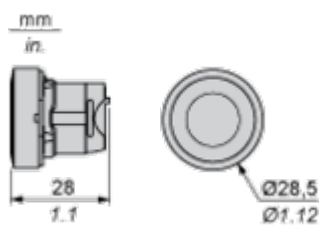
#### **Reambalare și refabricare**

Potentialul de reciclabilitate, în %	0
Profil circularitate	<a href="#">Informații privind sfârșitul duratei de viață</a>
Preluare la sfârșitul duratei de viață	Da

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



- (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 ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

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

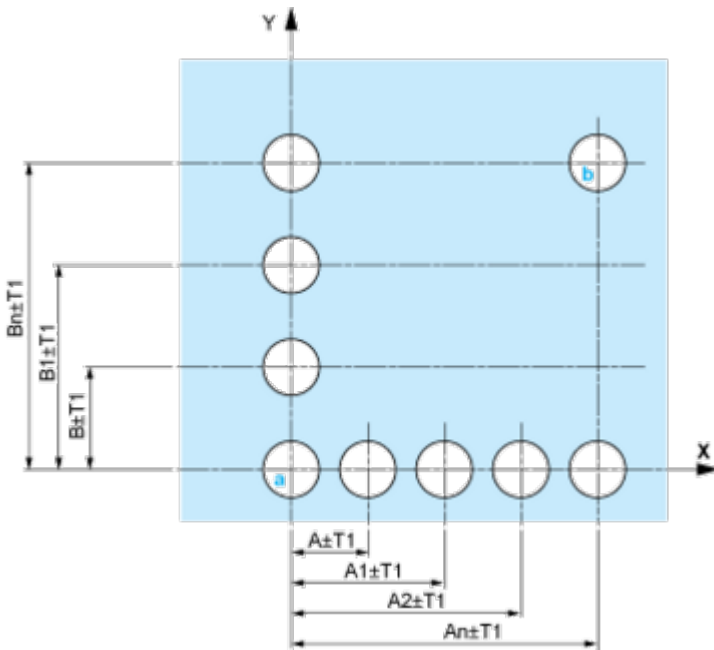
Detail of Lug Recess



- (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 ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

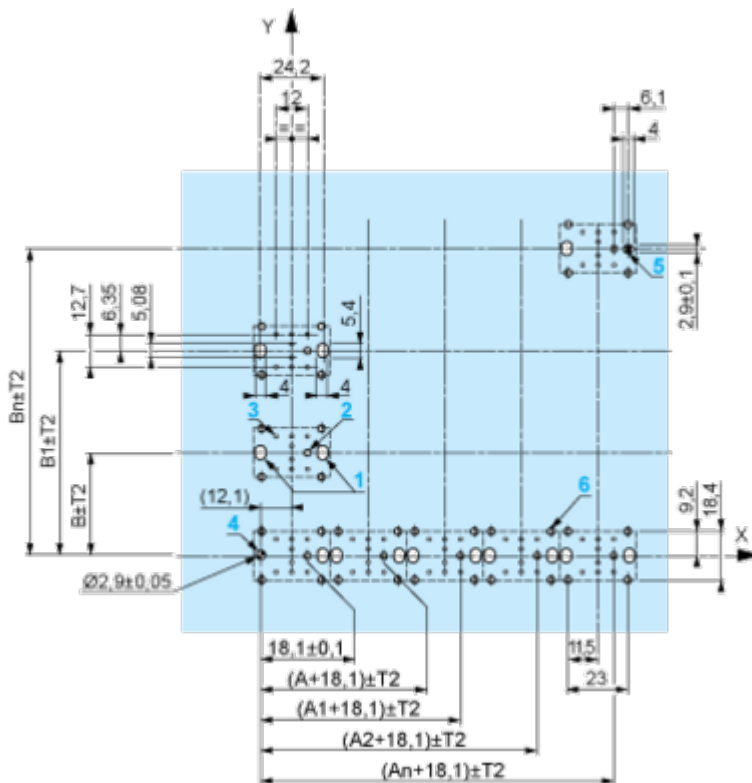


A: 30 mm min. / 1.18 in. min.

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.

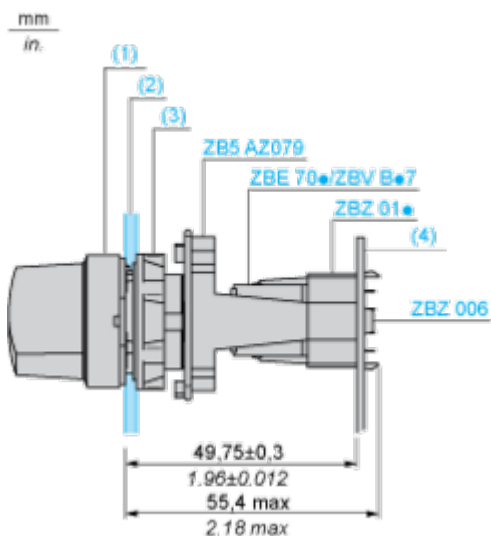
**General Tolerances of the Panel and Printed Circuit Board**

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

---



Electrical Composition Corresponding to Code C4

---



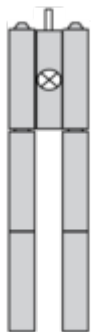
Electrical Composition Corresponding to Codes C14, SF2 and SR2

---



Electrical Composition Corresponding to Codes M1 and M7

---



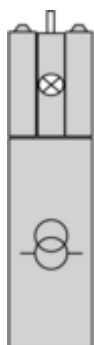
Electrical Composition Corresponding to Codes M2 and M8

---

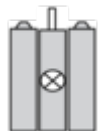


Electrical Composition Corresponding to Codes M6 and P2

---



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



**Legend**

---

Single contact



Double contact



Light block

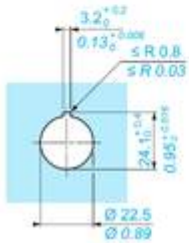
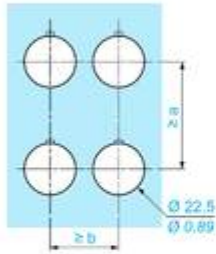
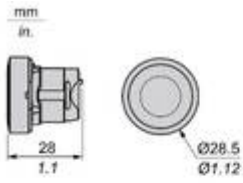


Possible location



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
ZBRT..	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

---



The infographic features a central image of a Schneider XB5 terminal block. Surrounding it are five circular icons, each with a corresponding text description of a feature. The background is a solid green color.

### Features Harmony XB5

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a terminal)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)
- Large set of accessories to customize your panels** (Icon: screwdriver and terminal)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)

Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative

---





