

Fișă tehnică produs

Specificatii



Cap de Buton Iluminat, Ø 22, Alb

ZB5AW313

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	Alb Incastrat, nemarcat
informatii suplimentare operator	Cu lentila simpla

Suplimentare

CAD latime globala	29 mm
CAD inaltime globala	29 mm
CAD adancime globala	30 mm
greutate produs	0,017 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	Alb
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
prezentare dispozitiv	Basic sub-assemblies

Mediu

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

tratament protector	TC
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 IP67 IP69 IP69K
grad de protectie NEMA	NEMA 13 NEMA 4X
grad de protectie IK	IK05 conforming to IEC 62262
Standarde	UL 60947-1 GB 14048.5 SR EN 60947-5-4 SR EN 60947-5-1 CSA C22.2 No 15 JIS C8201-5-1 IEC 60947-1 JIS C8201-1
certificari produs	CSA DNV 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
Numar unitati in prima forma de impachetare	1
Inaltime prima forma de impachetare	4,400 cm
Latime prima forma de impachetare	3,400 cm
Lungime prima forma de impachetare	5,100 cm
Greutate prima forma de impachetare	17,000 g
Unitate de masura pentru a doua forma de impachetare	BB1
Numar unitati in a doua forma de impachetare	5
Inaltime a doua forma de impachetare	4,400 cm
Latime a doua forma de impachetare	3,400 cm
Lungime a doua forma de impachetare	26,500 cm
Greutate a doua forma de impachetare	88,000 g
Unitate de masura pentru a treia forma de impachetare	S03
Numar unitati in a treia forma de impachetare	300
Inaltime a treia forma de impachetare	30,000 cm
Latime a treia forma de impachetare	30,000 cm

Lungime a treia forma de impachetare	40,000 cm
Greutate a treia forma de impachetare	5,656 kg

Garanție contractuală

Garantie	18 luni
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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.

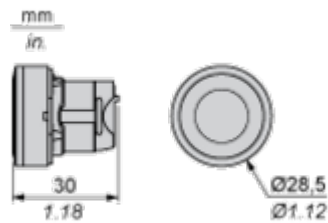
Environmental Data explicate >

Cum evaluam sustenabilitatea produselor >

Amprenta de mediu	
Amprenta de carbon (kg CO2 eq.)	1
Raport de mediu	Profilul ambiental al produsului
Use Better	
Materiale si ambalare	
Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Da
Directiva RoHS UE	Conformitate proactiva (Produs in afara domeniului de aplicare a EU RoHS)
Numar SCIP	13916f2d-387f-438e-8539-c58c2239cc27
Regulamentul REACH	Declaratia REACH
Use Again	
Reambalare si refabricare	
Profil circularitate	Informatii privind sfarsitul duratei de viata
Preluare la sfarsitul duratei de viata	No
DEEE	 Produsul trebuie sa fie eliminat de pe piata din Uniunea Europeana dupa colectarea specifica a deseurilor si sa nu ajunga niciodata in pubele de gunoi

Dimensions Drawings

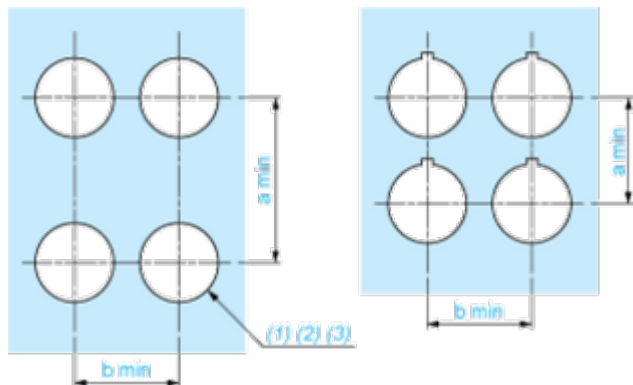
Dimensions



Mounting and Clearance

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

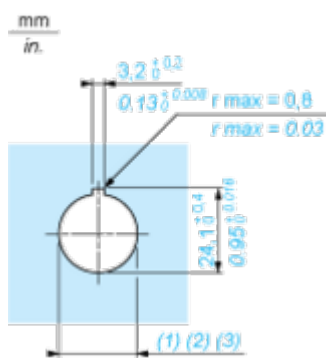
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 ($\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$) / 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

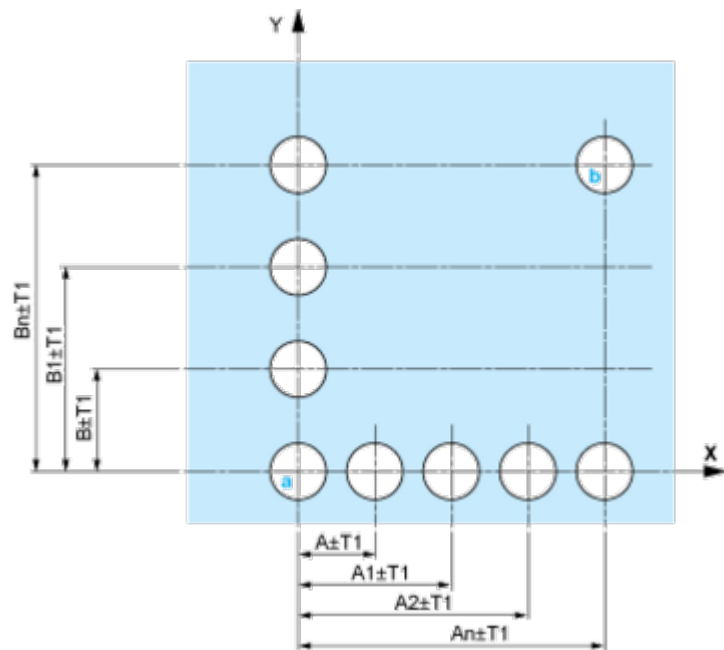
Detail of Lug Recess



- (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 ($\text{Ø}0.88 \text{ in. } \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$)

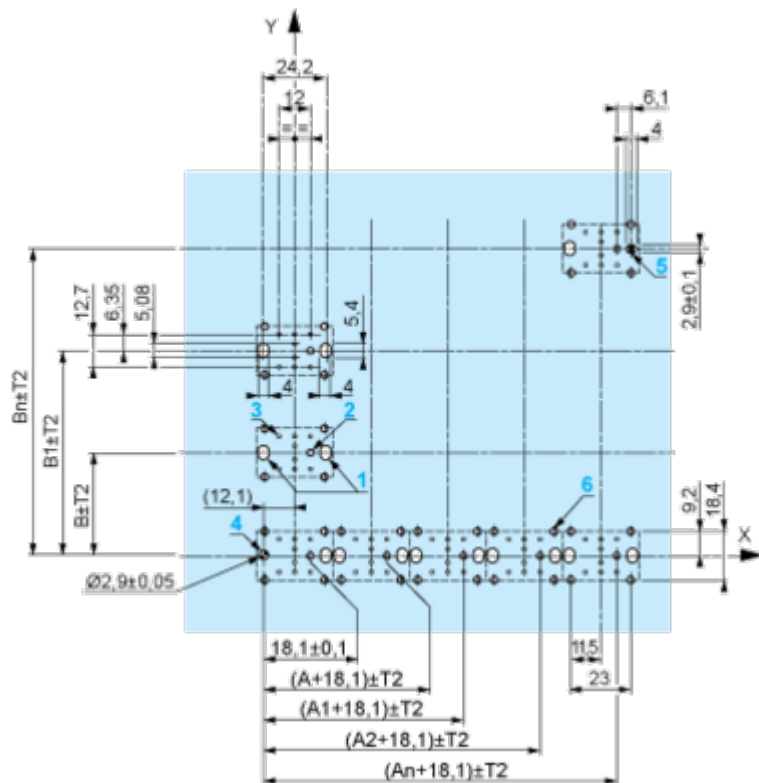
Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

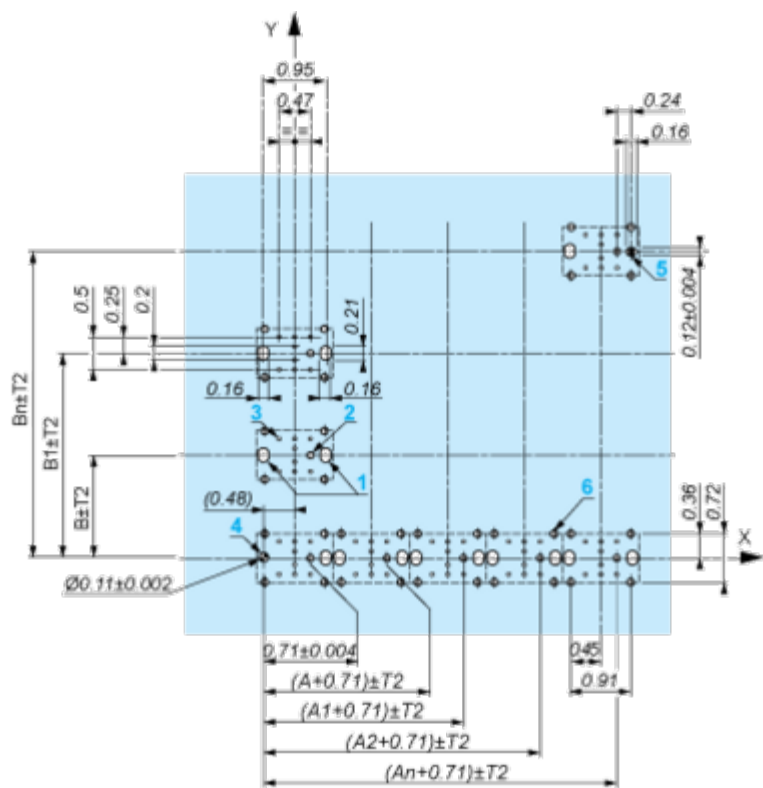


A: 30 mm min. / 1.18 in. min.
B: 40 mm min. / 1.57 in. min.

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.

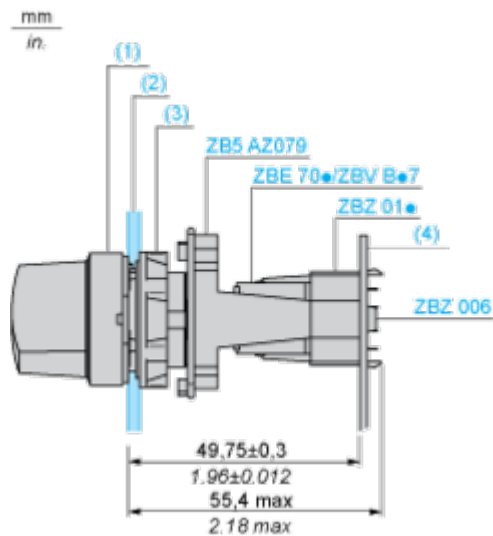
General Tolerances of the Panel and Printed Circuit Board

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

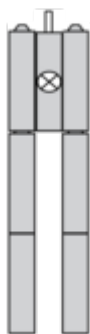
Mounting of Adapter (Socket) ZBZ01•

- 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•

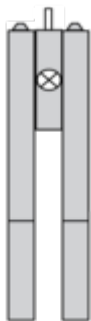
Dimensions An + 18.1 relate to the $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ holes for centring adapter ZBZ01•.

Technical Description

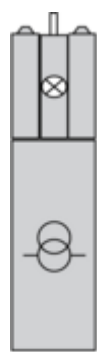
Electrical Composition Corresponding to Codes M1 and M7



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

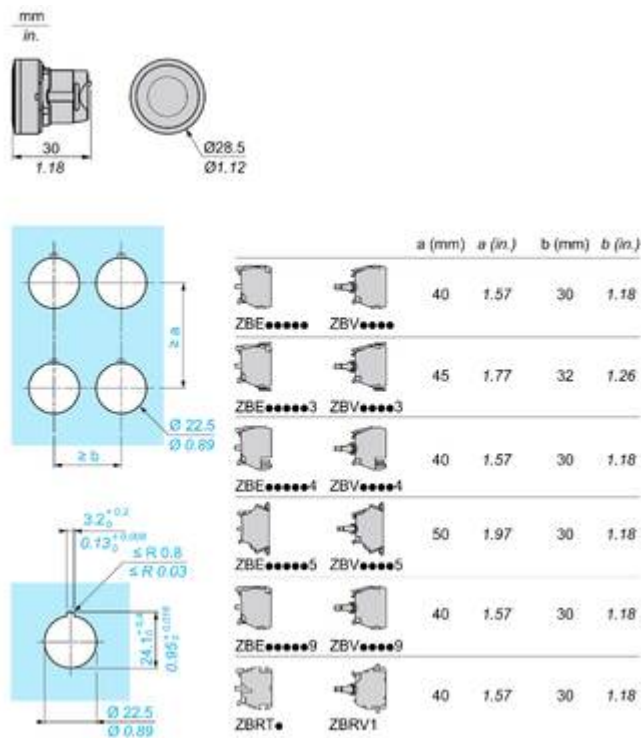


Possible location



Technical Illustration

Dimensions



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

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



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative



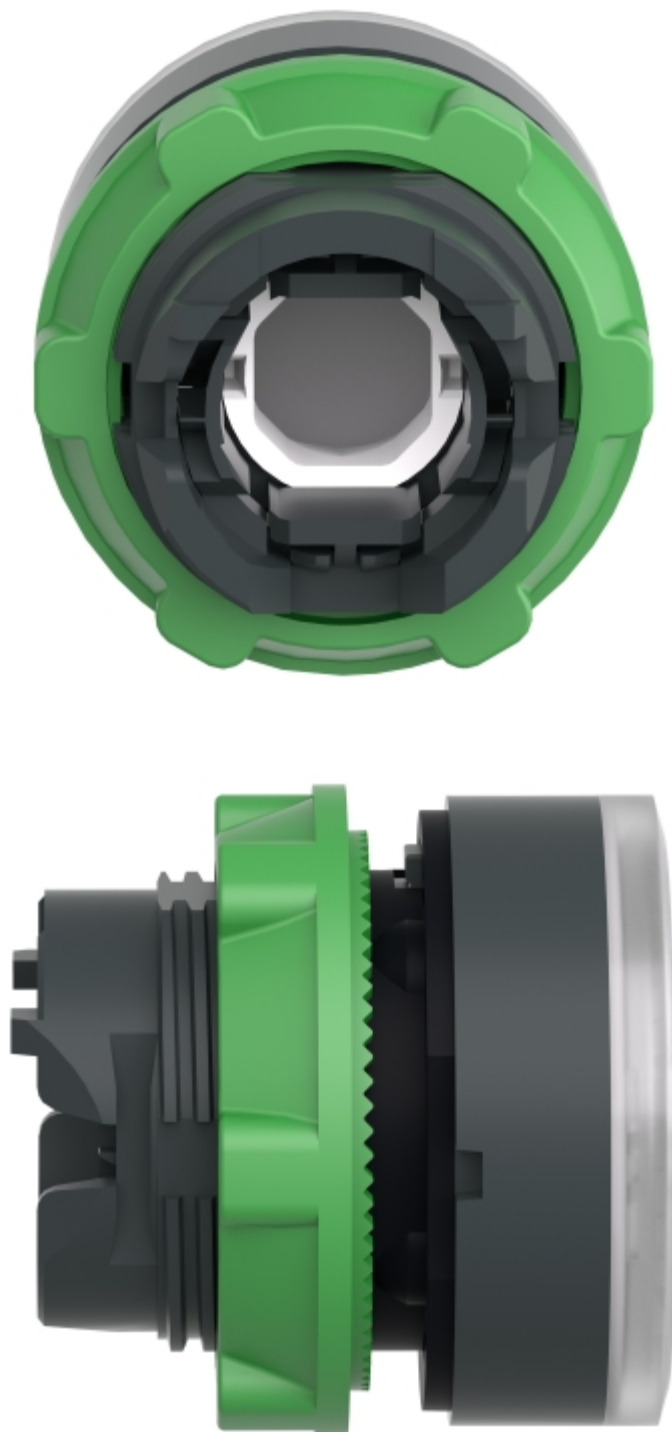




Image of product in real life situation

