

Fișă tehnică produs

Specificatii



Cap Buton dublu Luminos Alb Incastrat/Negru Incastrat Ø22 cu Marcaj

ZB4BW7A1724

Principale

gama de produse	Harmony XB4
Tip produs sau componenta	Cap pentru buton cu cap dublu iluminat
Compatibilitate produs	LED integral
nume scurt al dispozitivului	ZB4
material rama	Metal cromat
tip cap	Standard
diametrul de montaj	22 mm
cantitate indivizibila de vanzare	1
forma a capului unitatii de semnalizare	Dreptunghiular
tip de operator	revenire cu arc
profil operator	2 butoane încastrate - 1 lampă pilot pe centru
descriere operatori	'săgeată sus" albă - "săgeată jos" neagră

Suplimentare

CAD latime globala	30 mm
CAD inaltime globala	50 mm
CAD adancime globala	30 mm
greutate produs	0,056 kg
rezistenta la spalare cu presiune inalta	7000000 Pa la 55 °C, distanta : 0.1 m
culoare marcaj	Scris alb cu eticheta verde, roșie sau neagră Scris negru pe eticheta albă
profil utilizator	Alb Incastrat, săgeată sus (negru) Negru Incastrat, săgeată jos (alb)
durabilitate mecanica	1000000 cic
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
prezentare dispozitiv	Basic sub-assemblies

Mediu

tratament protector	TH
temperatura ambietala pentru depozitare	-40...70 °C

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

temperatura ambientală de funcționare	-40...70 °C
clasa de protecție la electrocutare	Clasa I conforming to IEC 61140
grad de protecție IP	IP66 conformitate cu SR EN 60529 IP67 conformitate cu SR EN 60529 IP69 IP69K
Enclosure Type	UL type 4X/13
grad de protecție IK	IK06 conformitate cu IEC 50102
standarde	SR EN 60947-5-4 IEC 60947-5-5 UL 60947-1 JIS C8201-5-1 IEC 60947-1 CSA C22.2 No 15 SR EN 60947-5-1 JIS C8201-1
certificări produs	CSA LROS (Lloyds register of shipping) BV listat de UL DNV
rezistență la vibrații	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
rezistență la socuri	30 gn (durată = 18 ms) pentru half sine wave acceleration conformitate cu IEC 60068-2-27 50 gn (durată = 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
Înălțime prima forma de impachetare	2,800 cm
Latime prima forma de impachetare	4,400 cm
Lungime prima forma de impachetare	4,800 cm
Greutate colet(Lbs)	57,000 g
Unitate de masura pentru a doua forma de impachetare	S03
Numar unitati in a doua forma de impachetare	200
Înălțime 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	11,763 kg

Garanție contractuală

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



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 totala pe durata de viata	0.5 kg CO2 eq.
Amprenta de carbon a fazei de fabricație [A1–A3]	0.4 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]	0.1 kg CO2 eq.

Use Better



Materiale si ambalare

Procentul mediu de continut de plastic reciclat	37 %
Procentul mediu de continut de metal reciclat	21 %
Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Da
Directiva RoHS a UE	Conform
Regulamentul REACH	Referința nu conține SVHC peste prag

Use Longer



Prelungire durata de viata

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

Use Again



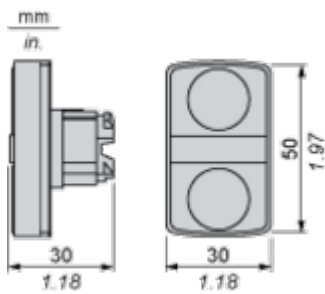
Reambalare si refabricare

Profil circularitate	Informatii privind sfarsitul duratei de viata
Preluare la sfarsitul duratei de viata	Da

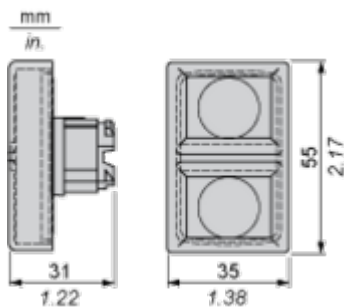
Dimensions Drawings

Dimensions

Without Boot

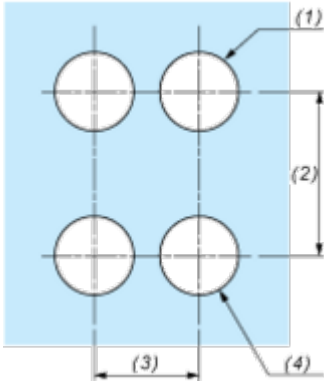
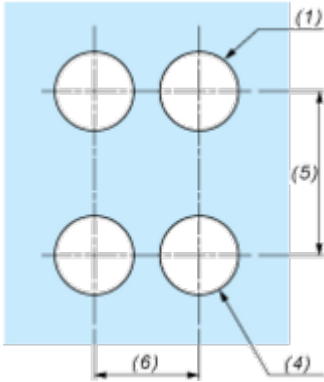


With Boot ZBA708



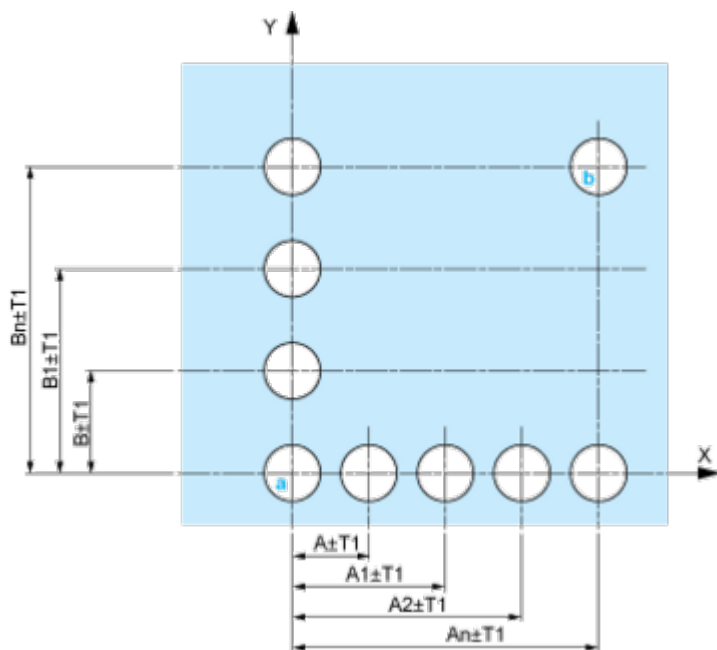
Mounting and Clearance

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
	
(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm₀^{+0.4} / 0.88 in.₀^{+0.016}) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.	

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

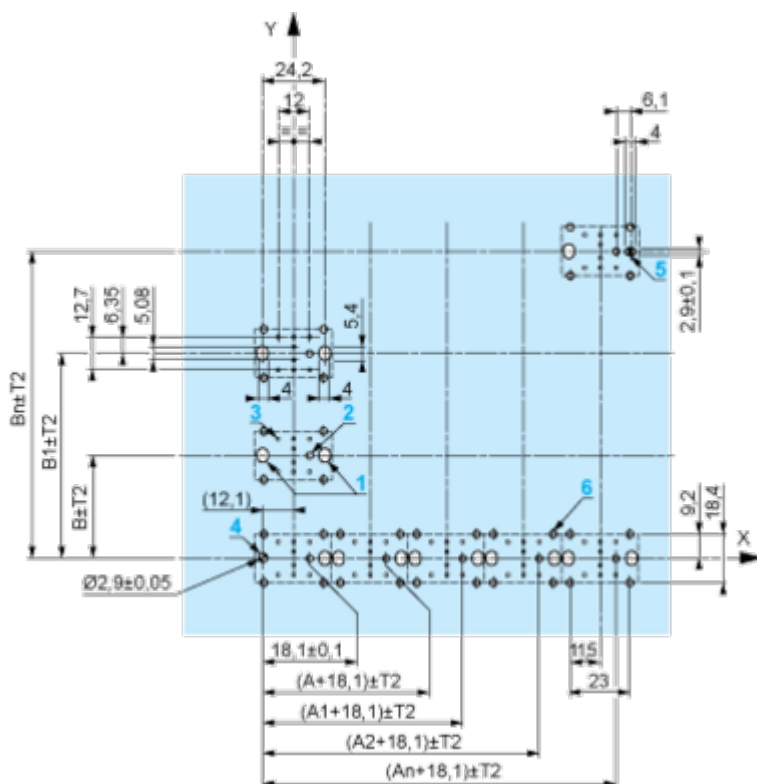


A: 30 mm min. / 1.18 in. min.

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

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

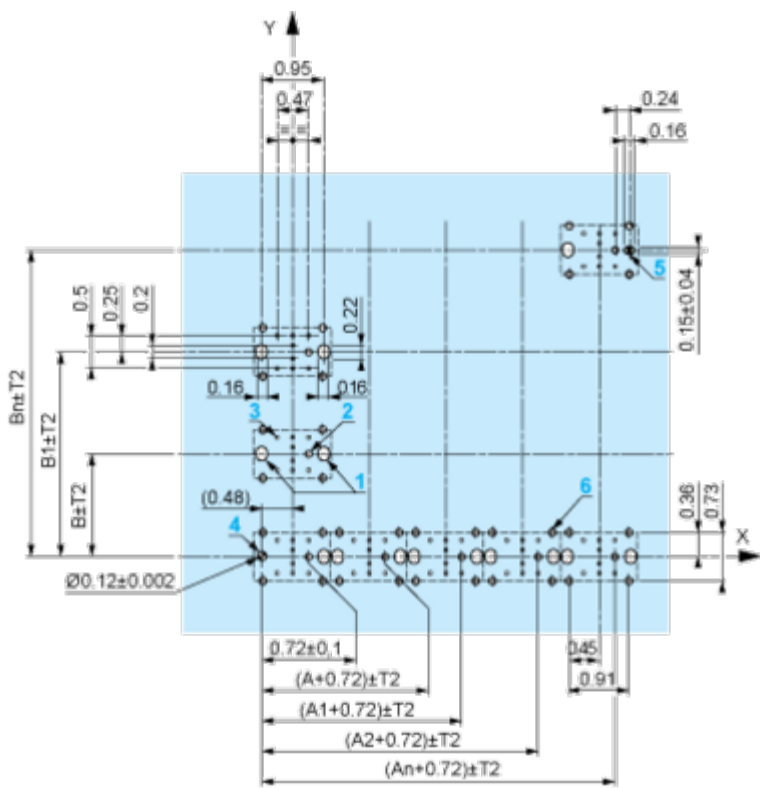
Dimensions in mm



A: 30 mm min.

B: 40 mm min.

Dimensions in in.



A: 1.18 in. min.
B: 1.57 in. min.

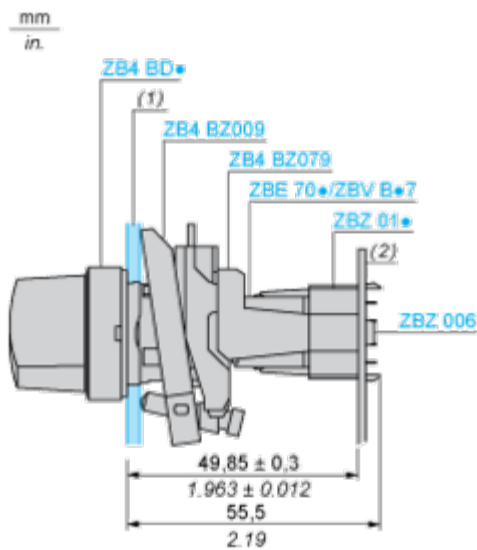
General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in: $T1 + T2 = 0.3 \text{ mm max.}$

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm $\pm$ 0.1 / 0.88 in. $\pm$ 0.004
- Orientation of body/fixing collar ZB4 BZ009: $\pm 2^\circ 30'$ (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

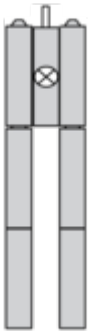
Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 3 8 × Ø 1.2 mm / 0.05 in. holes
- 4 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 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 Ø 2.4 mm / 0.09 in. for clipping in adapter ZBZ 01•

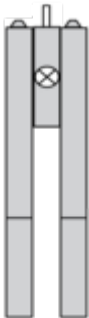
Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

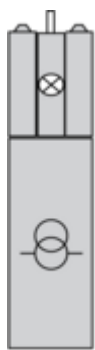
Electrical Composition Corresponding to Codes M1 and M7



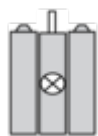
Electrical Composition Corresponding to Codes M2 and M8



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

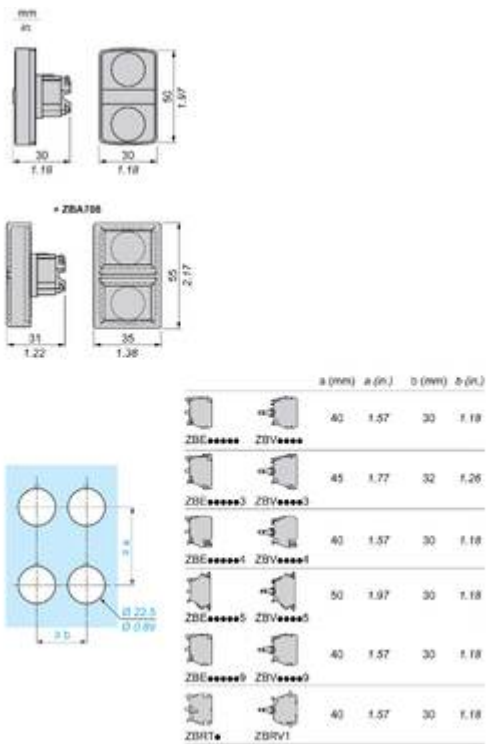


Possible location



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



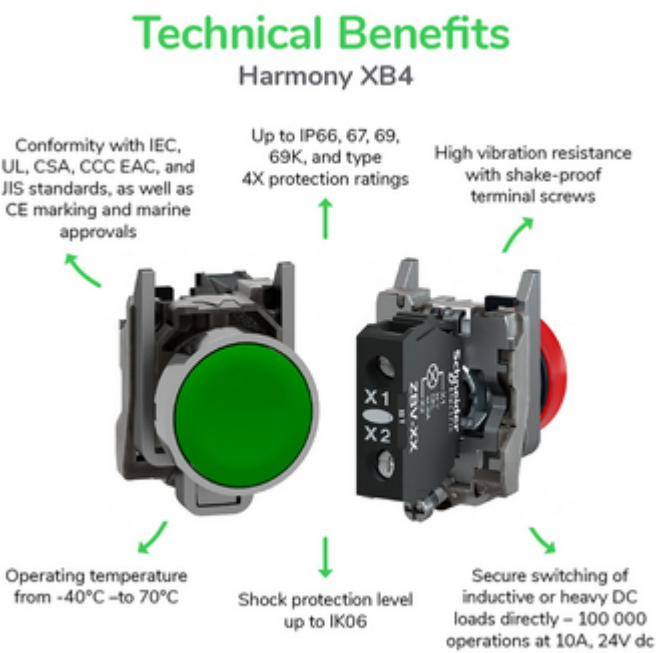


Improved color intensity and brightness



Offer Marketing Illustration

Product benefits / Features



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

