



Lystrykknapphode i metall for BA9s med riflet linse, fjærretur og opphøyd trykflate i grønn farge

ZB4BW13S

EAN: 3389110175738

Teknisk informasjon

Produktspekter	Harmony XB4
Produkt Eller Type Komponent	Hode for lystrykknapper
Kortnavn Utstyr	ZB4
Produktkompatibilitet	BA 9s
Innfatningsmateriale	Forkrommet metall
Montasjediometer	22 mm
Salg Per Udelelig Kvantitet	1
Formen På Varslingsenhetsens Hode	Rund
Type Arm/Stempel	fjærretur
Operatørprofil	Grønn opphøyd, umerket
Knappens Tilleggs Info.	Med rillet deksel
Miljøegenskaper	Miljø med mye belysning

Komplementær

Bredde	29 mm
Høyde	29 mm
Dybde	32 mm
Vekt	0,027 kg
Resistens Til Høytrykksvask	7000000 Pa på 55 °C, distanse : 0.1 m
Mekanisk Levetid	10000000 sykluser
Elektrisk Sammensetningskode	M7 for <6 kontakter bruker Enkel blokker i frontmontering med BA 9s M8 for <6 kontakter bruker enkel og dobbel blokker i frontmontering med BA 9s M9 for <2 kontakter bruker Enkel blokker i frontmontering med BA 9s og transformator
Enhetsens Utseende	Basic sub-assemblies

Miljø

Overflatebeskyttelse	TH
Omgivelsestemperatur For Lagring	-40...70 °C
Omgivelsestemperatur Drift	-40...55 °C
Overspenningskategori	Klasse I i samsvar med IEC 60536
Ip-Grad	IP66 i samsvar med IEC 60529 IP69 IP69K

Ansvarsfraskrivelse: Dokumentasjonen erstatter ikke opplysninger om produktene, og skal ikke brukes til å fastslå produktenes egnethet eller driftssikkerhet for bestemte bruksområder.

Nema Beskyttelsesgrad	NEMA 13 NEMA 4X
Ik Beskyttelsesklasse	IK06 conforming to EN 50102
Standarder	UL 508 EN/IEC 60947-5-4 EN/IEC 60947-5-1 JIS C8201-5-1 EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-5 JIS C8201-1
Produktsertifikater	LROS (Lloyds register of shipping) DNV UL listet GL BV CSA
Vibrasjonsmotstand	5 gn (f= 2...500 Hz) i samsvar med IEC 60068-2-6
Støtmotstand	30 gn (varighet = 18 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27 50 gn (varighet = 11 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27

Forpakkingsinformasjon

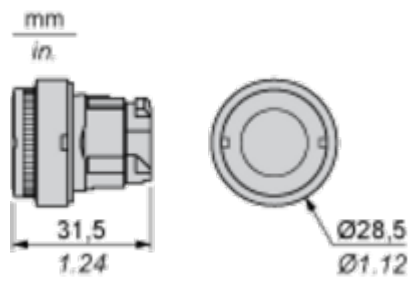
Enhetsstype Pakke 1	PCE
Antall Enheter I Pakke 1	1
Pakke 1 Høyde	4,5 cm
Pakke 1 Bredde	3,1 cm
Pakke 1 Vekt	3,1 cm
Package 1 Weight	27,0 g

Garantiperiode

Garanti	18 months
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Dimensions Drawings

Dimensions



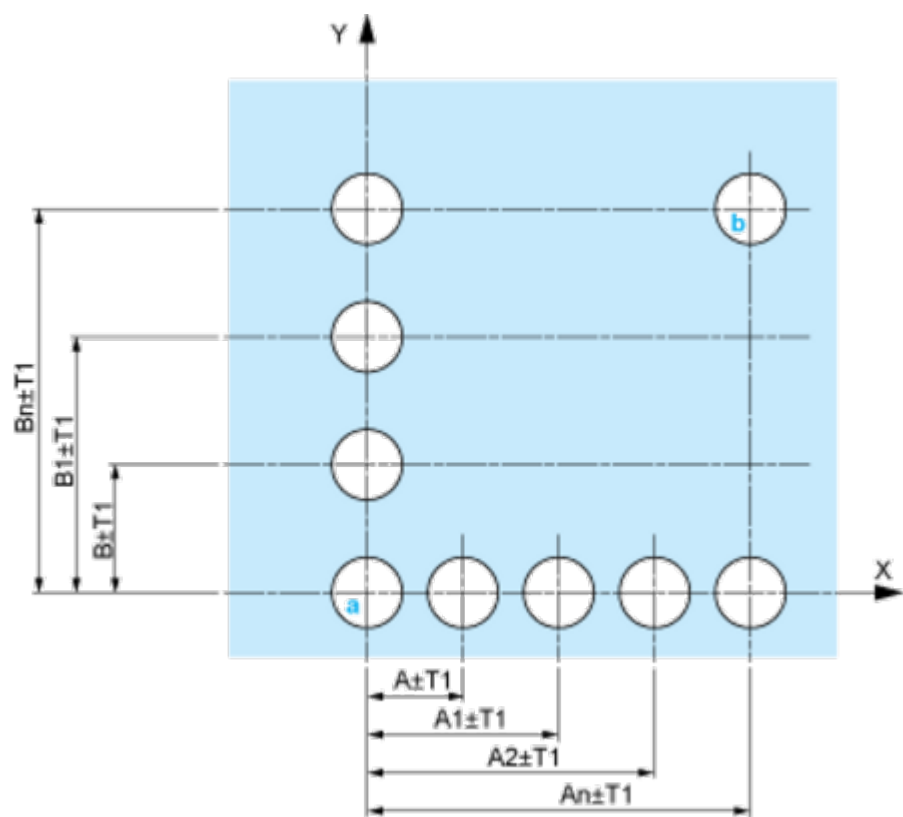
Mounting and Clearance

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	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 mm $^{+0.4}_0$ / 0.88 in. $^{+0.016}_0$) (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)

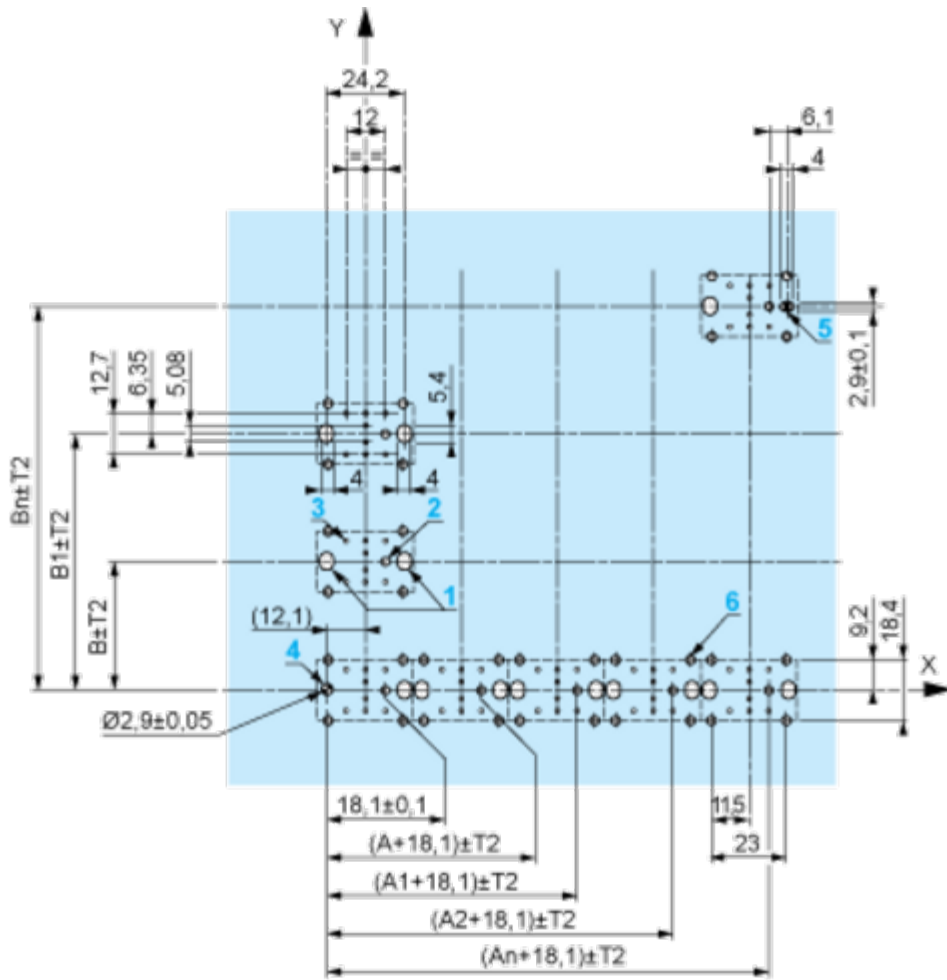


A: 30 mm min. / 1.18 in. min.

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

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

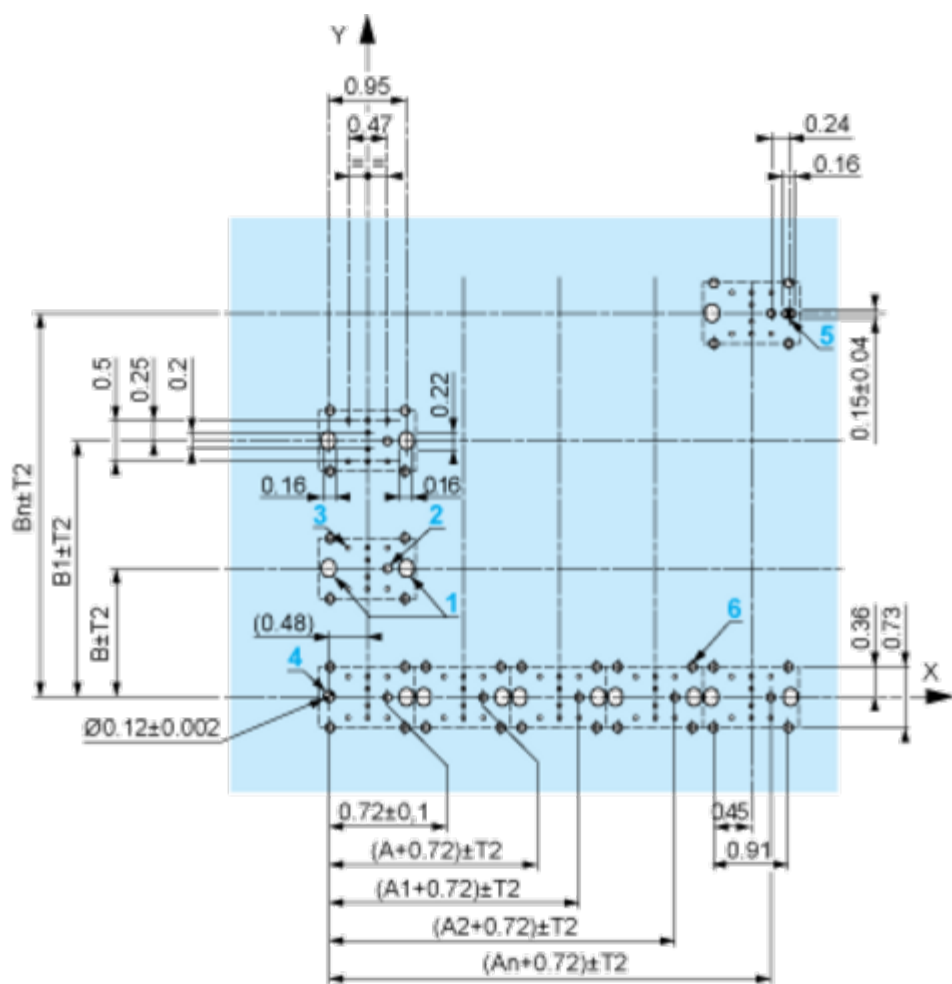
Dimensions in mm



A: 30 mm min.

B: 40 mm min.

Dimensions in in.



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

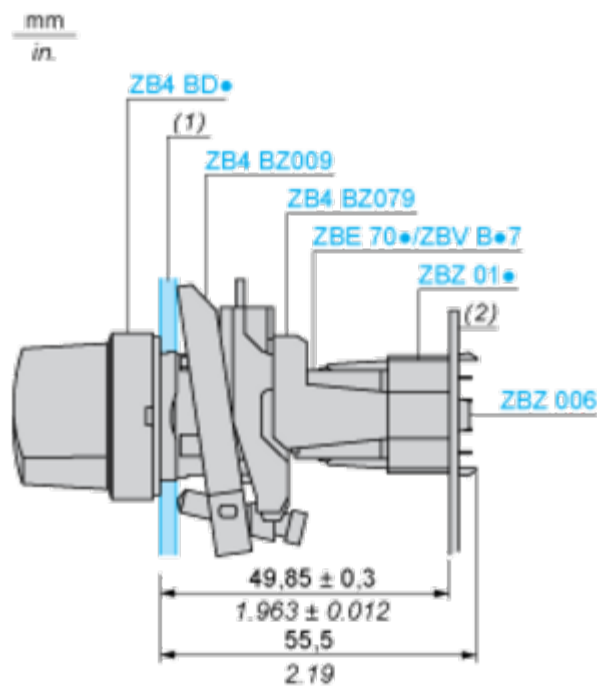
General Tolerances of the Panel and Printed Circuit Board

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 ± 0.1 / 0.88 in. ± 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

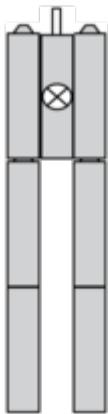
Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ for centring adapter ZBZ 01•
- 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 ZBZ 01•

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 ZBZ 01•.

Technical Description

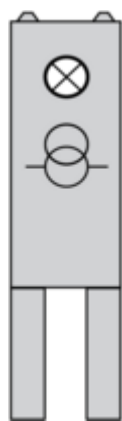
Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Code M9



Legend

Single contact



Double contact



Light block



Possible location

