



groene verz./rode verz. verl. drukkn.
met dubbele kop, Ø22, met
markering

ZB4BW7A3741

Hoofdkenmerken

| | |
|------------------------------------|---|
| productgamma | Harmony XB4 |
| type product of component | Kop voor verlichte drukknop met dubbele kop |
| compatibiliteit product | Integrale LED |
| korte naam apparaat | ZB4 |
| materiaal kraag | Verchroomd metaal |
| koptype | Standard |
| bevestigingsdiameter | 22 mm |
| verkoop per ondeelbare hoeveelheid | 1 |
| vorm van kop signaleringseenheid | Rechthoekig |
| type operator | terugverend |
| profiel operator | 2 standaard knoppen - 1 signaallamp |
| operatorbeschrijving | Groen 'I' - rood 'O' |

Complementaire kenmerken

| | |
|--------------------------------|---|
| CAD totale breedte | 30 mm |
| CAD totale hoogte | 50 mm |
| CAD totale diepte | 30 mm |
| gewicht product | 0,056 kg |
| weerstand hoge druk drukring | 7000000 Pa bij 55 °C, afstand : 0.1 m |
| kleur van markering | Zwarte markering bij witte schildjes Witte markering bij groene, rode of zwarte schildjes |
| profiel operator | Groen verzonken, I (wit) Rood verzonken, O (wit) |
| mechanische levensduur | 1000000 cycli |
| elektrische samenstellingscode | M1 voor <6 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED M2 voor <6 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd met integrale LED M6 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met ingebouwde LED en transformator M10 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met integrale LED |
| presentatie product | Basis sub-eenheden |

Omgeving

| | |
|--------------------------|----|
| beschermende behandeling | TH |
|--------------------------|----|

Disclaimer: Deze documentatie is niet bedoeld als vervanging voor en mag niet worden gebruikt voor het bepalen van de geschiktheid of betrouwbaarheid van deze producten voor specifieke gebruikerstoepassingen

| | |
|---|--|
| omgevingstemperatuur bij opslag | -40...70 °C |
| omgevingstemperatuur bij werking | -40...70 °C |
| beschermingsklasse tegen elektrische schokken | Klasse I conform IEC 61140 |
| IP-beschermingsgraad | IP66 conform IEC 60529 IP67 conform IEC 60529 IP69 IP69K |
| NEMA beschermingsgraad | NEMA 13 NEMA 4X |
| IK-beschermingsgraad | IK06 conforming to IEC 50102 |
| normen | JIS C8201-5-1 UL 508 IEC 60947-5-4 IEC 60947-5-1 CSA C22.2 Nr 14 IEC 60947-1 IEC 60947-5-5 JIS C8201-1 |
| productcertificeringen | CSA LROS (Lloyds register of shipping) BV UL listed DNV |
| trillingsweerstand | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6 |
| schokbestendigheid | 30 gn (duur = 18 ms) voor halve sinusgolf versnelling conform IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling conform IEC 60068-2-27 |

Verpakkingseenheden

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5,500 cm |
| Package 1 Width | 3,300 cm |
| Package 1 Length | 5,300 cm |
| Package 1 Weight | 57,000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 200 |
| Package 2 Height | 30,000 cm |
| Package 2 Width | 30,000 cm |
| Package 2 Length | 40,000 cm |
| Package 2 Weight | 11,722 kg |

Contractuële waarborg

| | |
|----------|-----------|
| Garantie | 18 months |
|----------|-----------|

Schneider Electric wil tegen 2050 de Net Zero-status hebben bereikt via partnerschappen in de toeleveringsketen, materialen met een lagere impact en circulariteit via onze doorlopende campagne "Use Better, Use Longer, Use Again" om de levensduur van producten en de recycleerbaarheid te verlengen.

[Uitleg van Environmental Data](#) >

[Hoe evalueren we de duurzaamheid van producten?](#) >

| Milieuvoetafdruk | |
|---------------------------------|---|
| Koolstofvoetafdruk (kg CO2 eq.) | 1 |
| Milieurapportage | Milieuprofiel van het product |

Use Better

| Materialen en verpakking | |
|-----------------------------------|--|
| Pakket met gerecycleerd karton | Ja |
| Verpakkingen zonder kunststof | Ja |
| RoHS-richtlijn EU | Pro-actieve naleving (product valt buiten juridisch toepassingsgebied RoHS EU) |
| REACH-regeling | REACH-verklaring |
| RoHS-verordening China | RoHS-verklaring China |

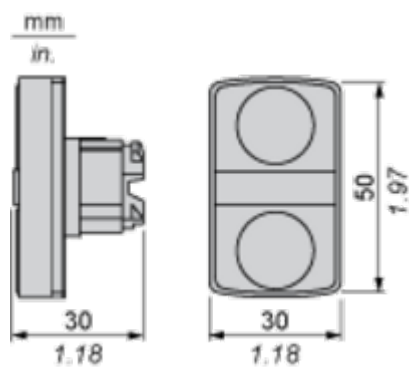
Use Again

| Herverpakken en herfabriceren | |
|-------------------------------|--|
| Circulariteitsprofiel | Informatie over einde levensduur |
| Terugname | No |

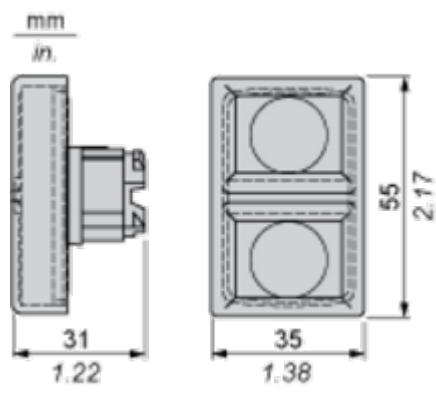
Dimensions Drawings

Dimensions

Without Boot



With Boot ZBA708



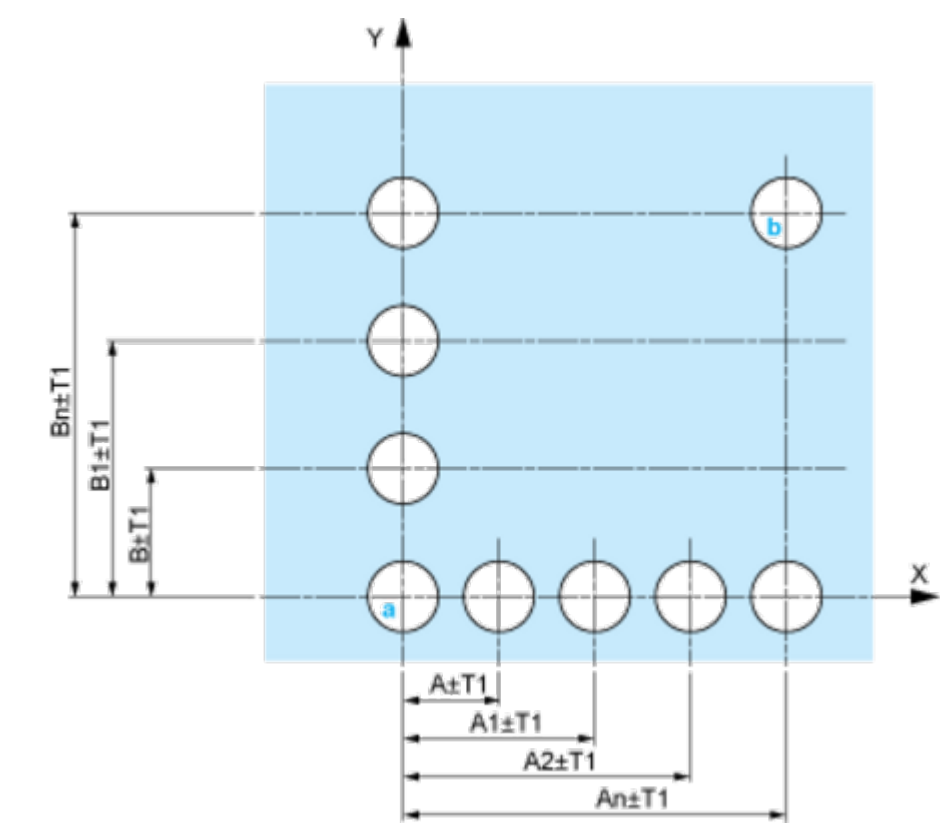
Mounting and Clearance

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

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

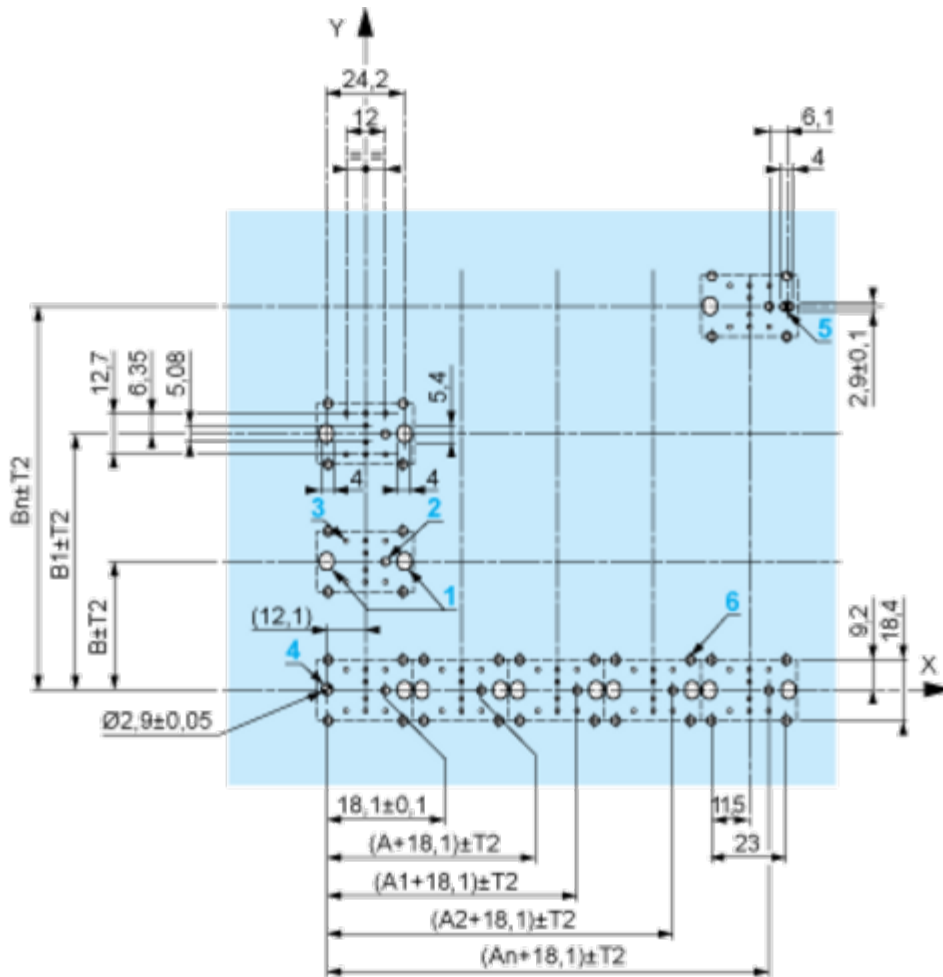


A: 30 mm min. / 1.18 in. min.

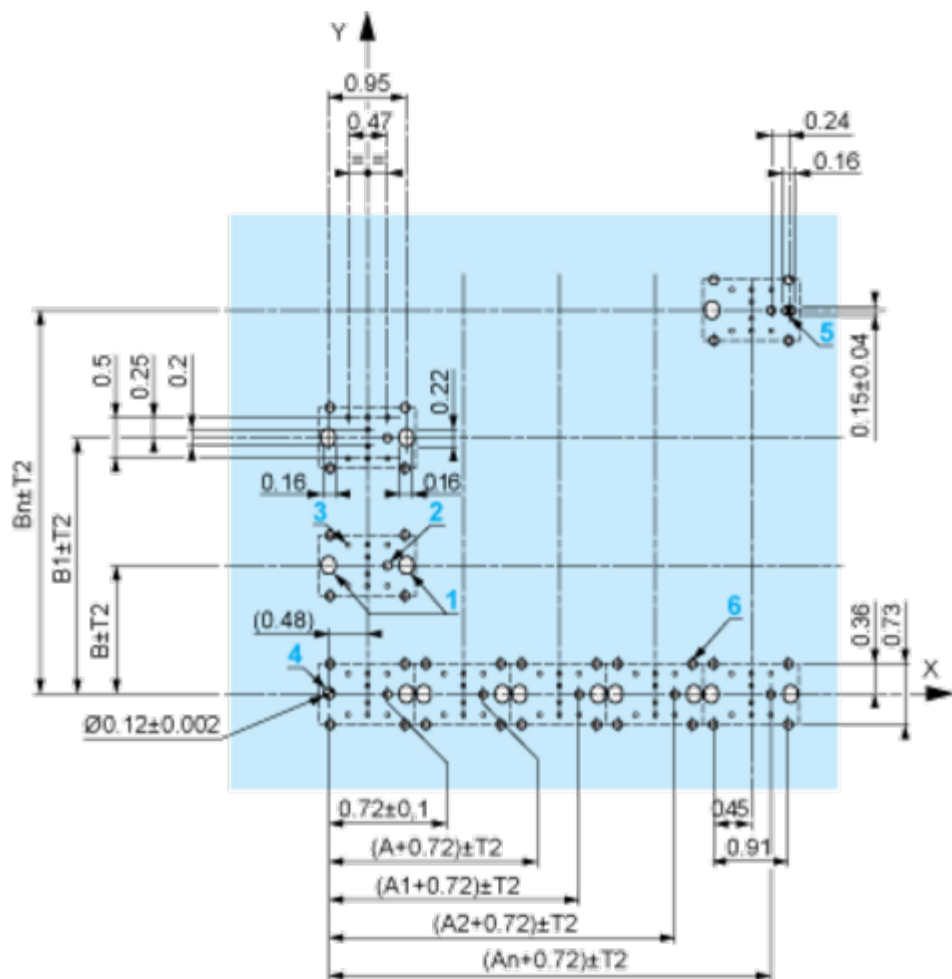
B: 40 mm min. / 1.57 in. min.

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.

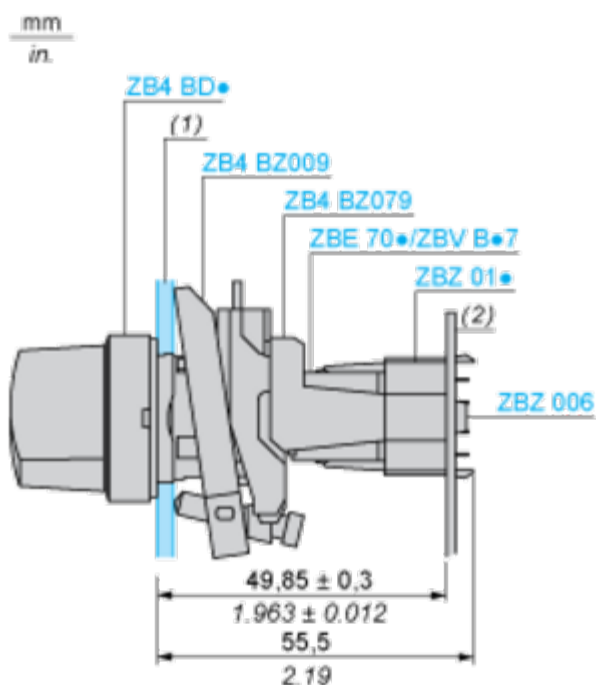
General Tolerances of the Panel and Printed Circuit Board

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 ZB4 BZ009: ± 2° 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

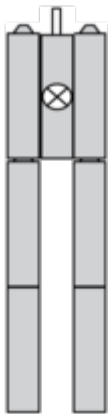
Mounting of Adapter (Socket) ZBZ 01•

- 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

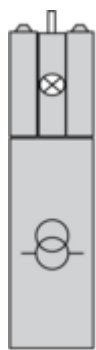
Electrical Composition Corresponding to Codes M1 and M7



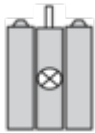
Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



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



Legend

Single contact



Double contact



Light block

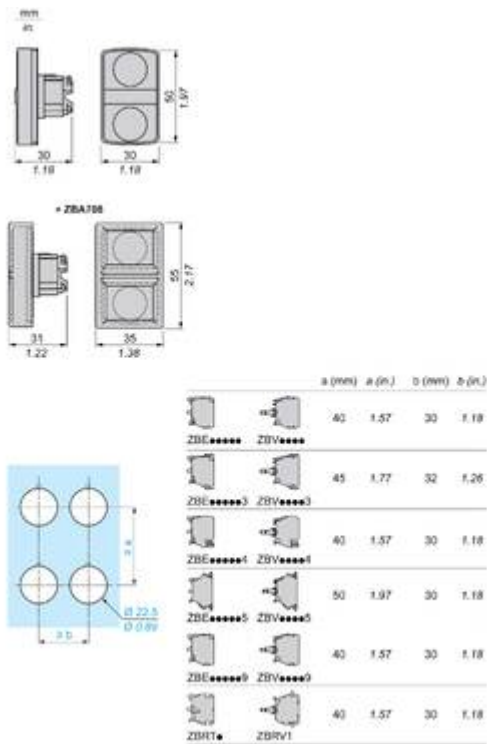


Possible location



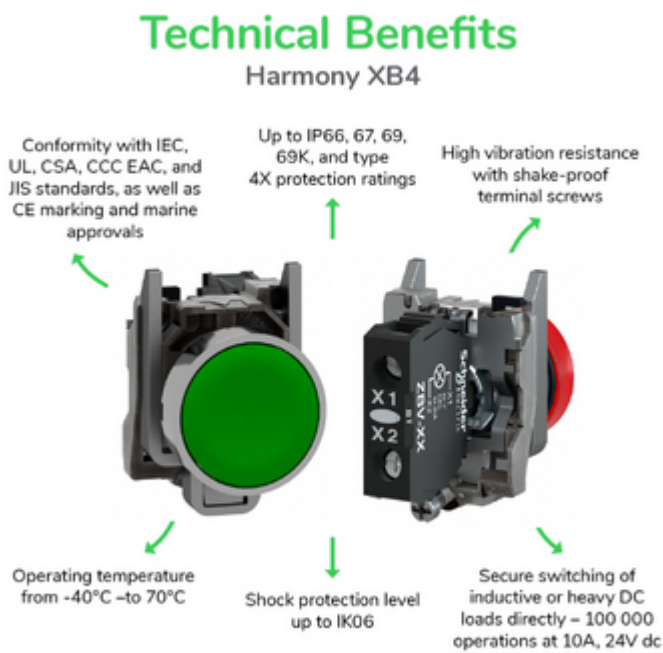
Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



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

