

Produktdatablad

Spesifikasjoner



Lystrykknapphode i metall for LED med trykk/trykk og plan trykflate i hvit farge

El-nummer:
4303201

ZB4BH013

Viktig melding: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks
EAN: 3389110122541

Produktdata

| | |
|----------------------------------|-------------------------|
| Produktspekter | Harmony XB4 |
| Produkt eller type komponent | Hode for lystrykknapper |
| Produktkompatibilitet | Universal LED |
| Kortnavn på utstyr | ZB4 |
| Innfatningsmateriale | Forkrommet metall |
| Hode type | Standard |
| Montasjediometer | 22,5 mm |
| Salg per udelelig kvantitet | 1 |
| Formen på varslingsenhetens hode | Rund |
| Type arm/stempel | trykk-trykk |
| operatørprofil | Hvit innfelt, umerket |
| Hette eller deksselfarge | Hvit |

Teknisk data

| | |
|------------------------------|---|
| Bredde | 29 mm |
| Høyde | 29 mm |
| Dybde | 30 mm |
| Vekt | 0,026 kg |
| resistens til høytrykksvask | 7000000 Pa på 55 °C, distanse : 0.1 m |
| Mekanisk levetid | 500000 sykluser |
| elektrisk sammensetningskode | M5 for <2 kontakter bruker Enkel blokker i frontmontering med innebygget LED M6 for <2 kontakter bruker Enkel blokker i frontmontering med integrert LED og transformator M10 for <2 kontakter bruker Enkel blokker i frontmontering med innebygget LED |
| Enhetens utseende | Basic element |

Miljø

| | |
|-------------------------------------|----------------------------------|
| Overflatebeskyttelse | TH |
| Omgivelsestemperatur for lagring | -40...70 °C |
| beskyttelsesgrad mot elektrisk støt | Klasse I conforming to IEC 60536 |
| Omgivelsestemperatur drift | -40...70 °C |

| | |
|------------------------------|--|
| Overspenningskategori | Klasse I conforming to IEC 60536 |
| IP-grad | IP66 i samsvar med IEC 60529 IP67 IP69 IP69K |
| NEMA beskyttelsesgrad | NEMA 13 NEMA 4X |
| Ik beskyttelsesklasse | IK06 i samsvar med IEC 50102 |
| Standarder | JIS C8201-5-1 IEC 60947-1 UL 508 IEC 60947-5-4 IEC 60947-5-5 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1 |
| Produktsertifikater | CSA LROS (Lloyds register of shipping) BV UL listet DNV |
| Vibrasjonsmotstand | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6 |
| støtmotstand | 30 gn (varighet = 18 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27 50 gn (varighet = 11 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27 |

Forpakkingsinformasjon

| | |
|---------------------------------|----------|
| Enhetsstype pakke 1 | PCE |
| Antall enheter i pakke 1 | 1 |
| Pakke 1 Høyde | 3,4 cm |
| Pakke 1 Bredde | 4,5 cm |
| Pakke 1 Vekt | 5,4 cm |
| Package 1 Weight | 27,0 g |
| Enhetsstype pakke 2 | S03 |
| Antall enheter i pakke 2 | 150 |
| Pakke 2 Høyde | 30 cm |
| Pakke 2 Bredde | 30 cm |
| Pakke 2 Lengde | 40 cm |
| Pakke 2 Vekt | 4,544 kg |

Logistikkinformasjon

| | |
|-------------------------|----|
| Opprinnelsesland | FR |
|-------------------------|----|

Garantiperiode

| | |
|----------------|-----------|
| Garanti | 18 months |
|----------------|-----------|

Environmental Data

Schneider Electric tar sikte på å oppnå Net Zero-status innen 2050 gjennom partnerskap med leverandørkjeden, materialer med lavere slagkraft og sirkularitet via vår pågående "Use Better, Use Longer, Use Again"-kampanje for å forlenge produktlevetiden og resirkulerbarheten.

[Environmental Data forklart >](#)

[Hvordan vi vurderer produktets bærekraft >](#)

Miljøfotavtrykk

Samlet klimagassutslipp gjennom livsløpet 1

PEP (Product Environmental Profile) [Produktmiljøprofil](#)

Use Better

Materialer og emballasje

Emballasje med resirkulert papp Ja

Emballasje uten plast Ja

[EU RoHS-direktiv](#) Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)

REACH-regelverk [REACH-erklæring](#)

Use Again

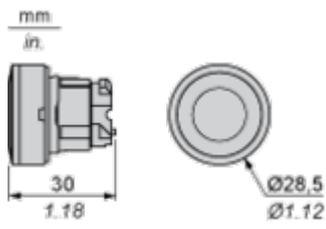
Ompakking og reproduksjon

Produktets livssyklus [Informasjon om levetidsslutt](#)

Tilbaketakning No

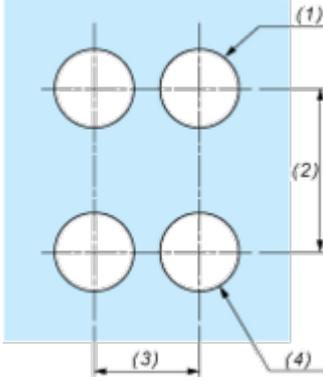
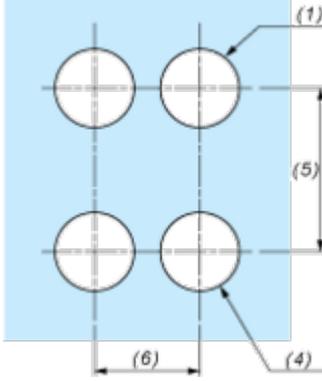
Dimensions Drawings

Dimensions



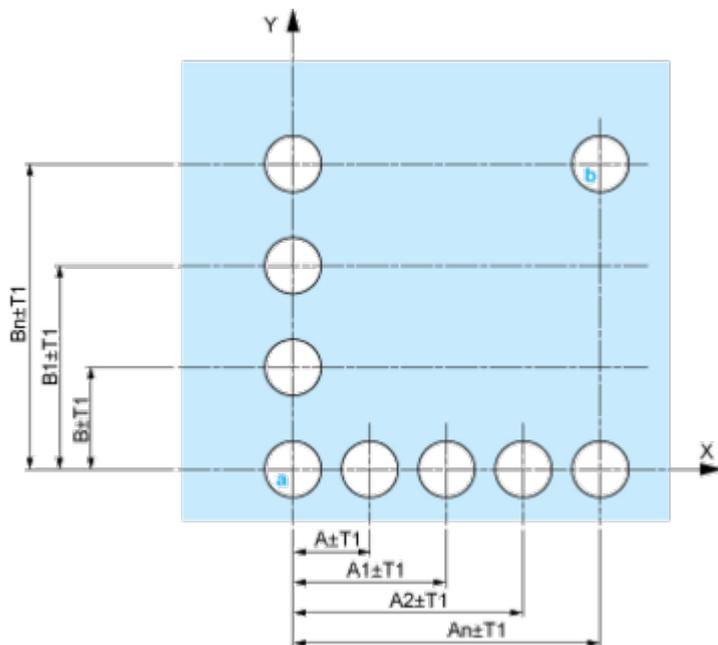
Mounting and Clearance

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 |
|---|--|
|  |  |
| <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) $\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})$ (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p> | |

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

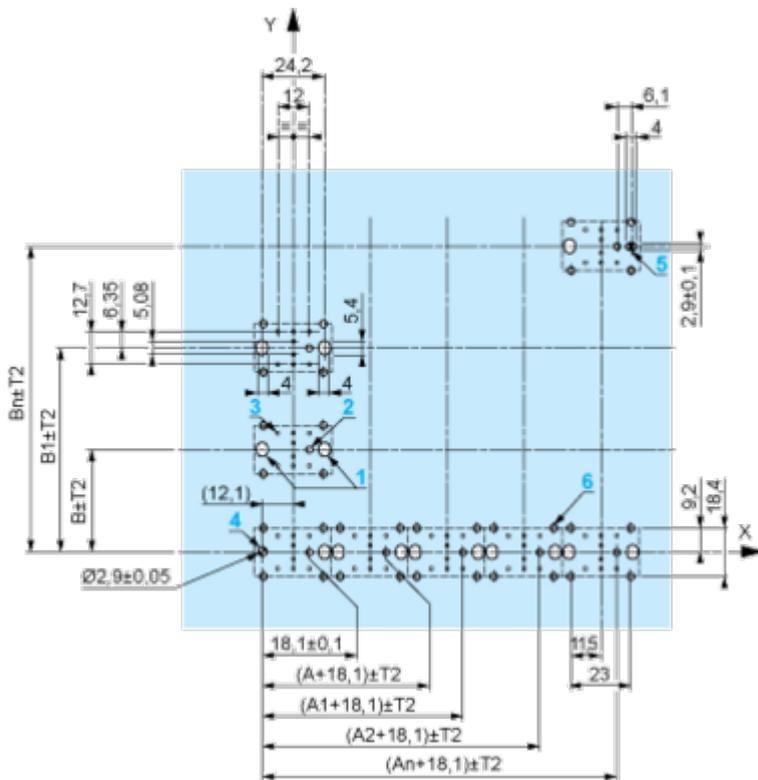


A: 30 mm min. / 1.18 in. min.

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

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

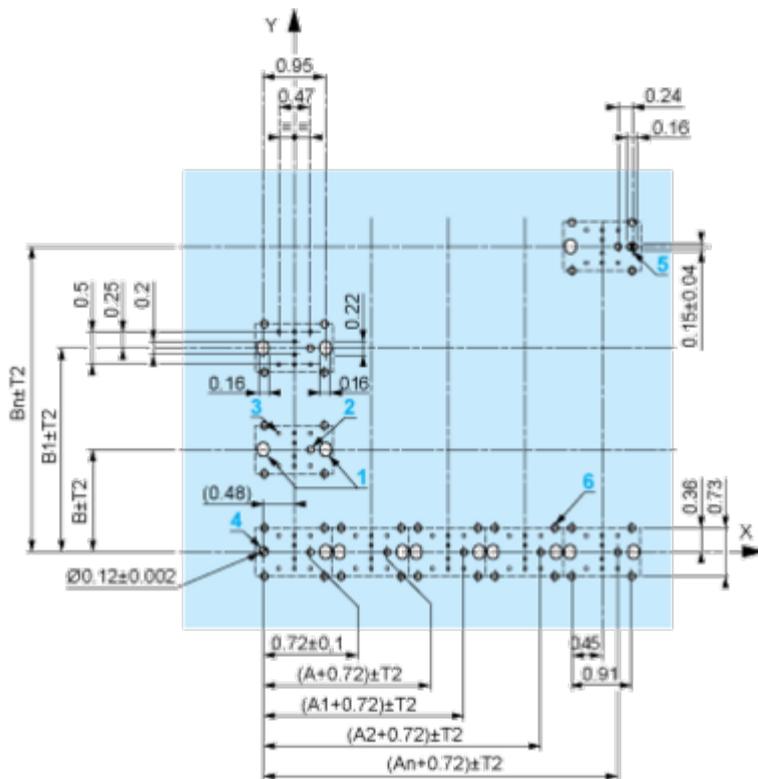
Dimensions in mm



A: 30 mm min.

B: 40 mm min.

Dimensions in in.



A: 1.18 in. min.

B: 1.57 in. min.

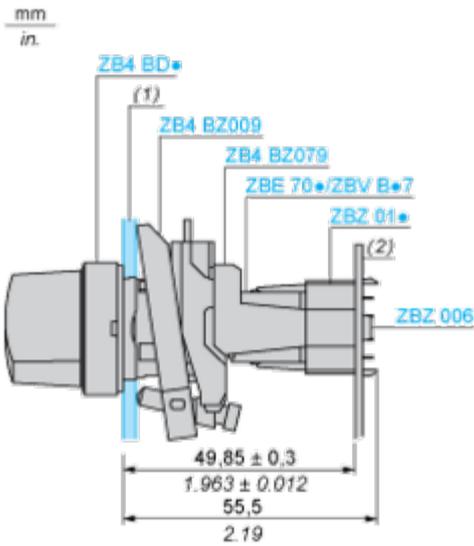
General Tolerances of the Panel and Printed Circuit Board

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

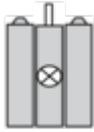
Mounting of Adapter (Socket) ZBZ 01•

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

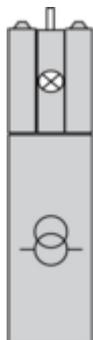
Dimensions An + 18.1 relate to the \varnothing 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

Technical Description

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



Electrical Composition Corresponding to Codes M6 and P2



Legend

Single contact



Double contact



Light block

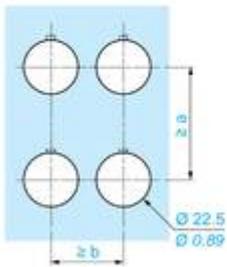
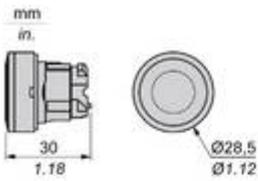


Possible location



Technical Illustration

Dimensions



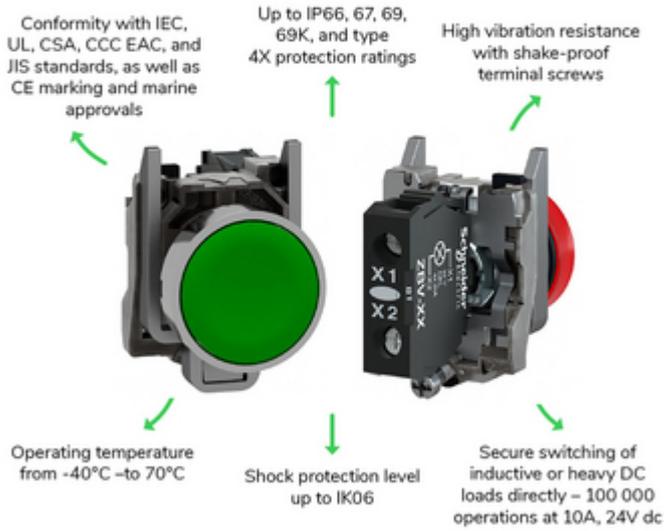
| | | a (mm) | a (in.) | b (mm) | b (in.) |
|-----------|-----------|--------|---------|--------|---------|
| | | 40 | 1.57 | 30 | 1.18 |
| ZBE..... | ZBV..... | | | | |
| | | 45 | 1.77 | 32 | 1.26 |
| ZBE.....3 | ZBV.....3 | | | | |
| | | 40 | 1.57 | 30 | 1.18 |
| ZBE.....4 | ZBV.....4 | | | | |
| | | 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

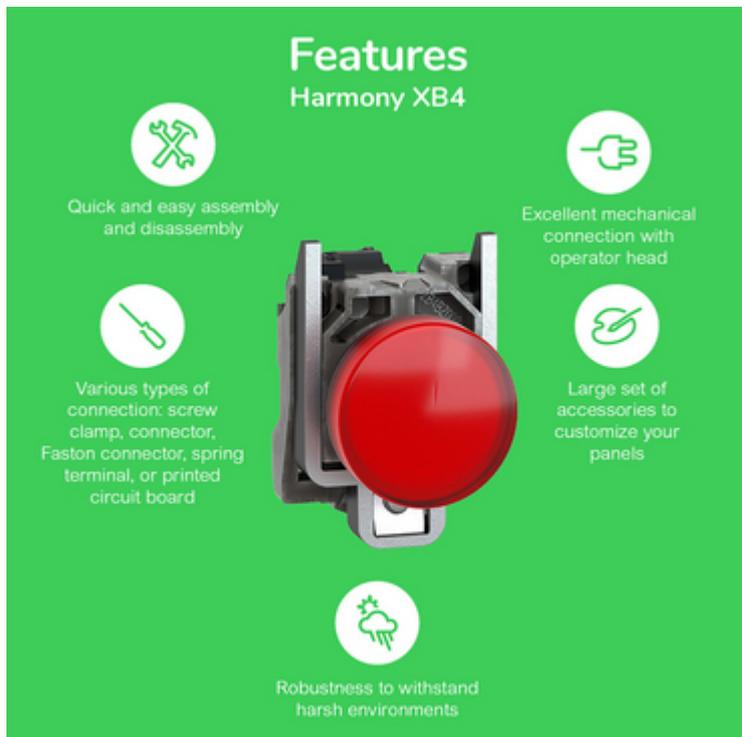
Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



The infographic features a central image of a red Schneider XB4 circuit breaker. It is surrounded by five circular icons, each with a corresponding text block describing a feature. The background is a solid green color.

Features Harmony XB4

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a plug)
- 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: plug with a slash)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)

Image of product / Alternate images

Alternative

