

# Produktdatablad

Spesifikasjoner



## Trykknapphode i metall med fjærretur og plan trykflate i hvit farge med sort "START"

EI-nummer:  
4302583

ZB4BA133

EAN: 3389110887624

## Produktdata

|                                  |                               |
|----------------------------------|-------------------------------|
| Produktspekter                   | Harmony XB4                   |
| Produkt eller type komponent     | Hode for trykknapper uten lys |
| Kortnavn på utstyr               | ZB4                           |
| Innfatningsmateriale             | Forkrommet metall             |
| Montasjediameter                 | 22,5 mm                       |
| Salg per udelelig kvantitet      | 1                             |
| Hode type                        | Standard                      |
| Formen på varslingsenhetens hode | Rund                          |
| Type arm/stempel                 | fjærretur                     |
| operatørprofil                   | Hvit innfelt, START ( sort)   |
| Hette eller deksselfarge         | Hvit                          |

## Teknisk data

|                              |  |
|------------------------------|--|
| Bredde                       | 29 mm  |
| Høyde                        | 29 mm  |
| Dybde                        | 28 mm  |
| Mekanisk levetid             | 10000000 sykluser  |
| elektrisk sammensetningskode | C1 for <9 kontakter bruker Enkel blokker i frontmontering<br>C2 for <9 kontakter bruker enkel og dobbel blokker i frontmontering<br>C11 for <3 kontakter bruker Enkel blokker i frontmontering<br>C15 for <1 kontakter bruker Enkel blokker i frontmontering |
| Enhetens utseende            | Basic element  |

## Miljø

|                                  |   |
|----------------------------------|---|
| Overflatebeskyttelse             | TH  |
| Omgivelsestemperatur for lagring | -40...70 °C   |
| Omgivelsestemperatur drift       | -40...70 °C   |
| Overspenningskategori            | Klasse I conforming to IEC 60536                      |
| IP-grad                          | IP66 i samsvar med IEC 60529<br>IP67<br>IP69<br>IP69K |
| NEMA beskyttelsesgrad            | NEMA 13<br>NEMA 4X                                    |
| Ik beskyttelsesklasse            | IK06 i samsvar med IEC 50102                          |

|                            |  |
|----------------------------|--|
| <b>Standarder</b>          | IEC 60947-5-1<br>IEC 60947-1<br>IEC 60947-5-4<br>JIS C8201-5-1<br>UL 508<br>IEC 60947-5-5<br>CSA C22.2 No 14<br>JIS C8201-1  |
| <b>Produktsertifikater</b> | BV<br>CSA<br>DNV<br>LROS (Lloyds register of shipping)<br>UL listet  |
| <b>Vibrasjonsmotstand</b>  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| <b>støtmotstand</b>        | 30 gn (varighet = 18 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27<br>50 gn (varighet = 11 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27 |

## Forpakkingsinformasjon

|                                 |           |
|---------------------------------|-----------|
| <b>Enhetstype pakke 1</b>       | PCE       |
| <b>Antall enheter i pakke 1</b> | 1         |
| <b>Pakke 1 Høyde</b>            | 3,400 cm  |
| <b>Pakke 1 Bredde</b>           | 4,600 cm  |
| <b>Pakke 1 Vekt</b>             | 5,200 cm  |
| <b>Package 1 Weight</b>         | 28,000 g  |
| <b>Enhetstype pakke 2</b>       | S01       |
| <b>Antall enheter i pakke 2</b> | 50        |
| <b>Pakke 2 Høyde</b>            | 15,000 cm |
| <b>Pakke 2 Bredde</b>           | 15,000 cm |
| <b>Pakke 2 Lengde</b>           | 40,000 cm |
| <b>Pakke 2 Vekt</b>             | 1,625 kg  |

## Logistikkinformasjon

|                         |    |
|-------------------------|----|
| <b>Opprinnelsesland</b> | FR |
|-------------------------|----|

## Garantiperiode

|                |           |
|----------------|-----------|
| <b>Garanti</b> | 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

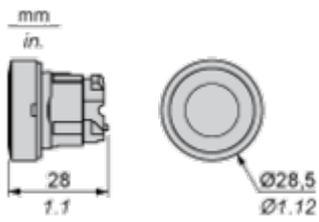
Produktets livssyklus [Informasjon om levetidsslutt](#)

Tilbaketakning No

Dimensions Drawings

Dimensions

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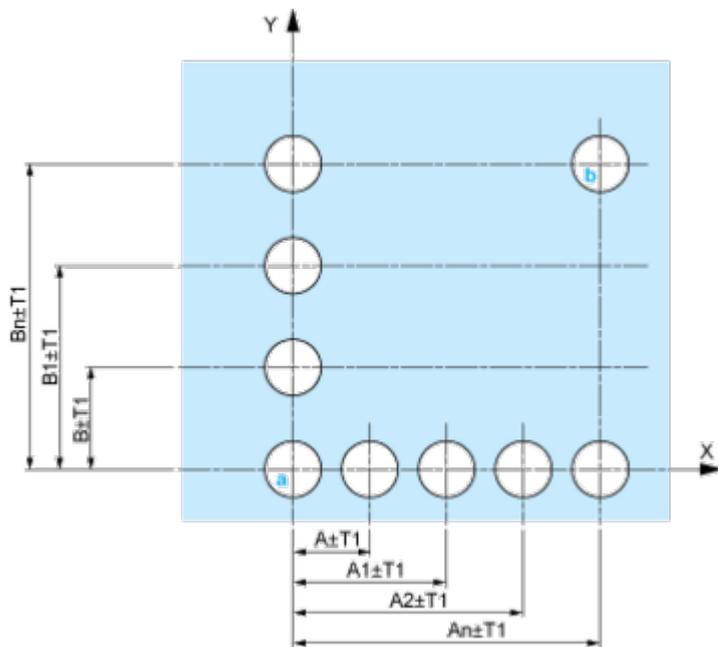
Mounting and Clearance

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<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in.}</math> recommended (<math>\varnothing 22.3 \text{ mm} \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix} / 0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}</math>)<br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (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)

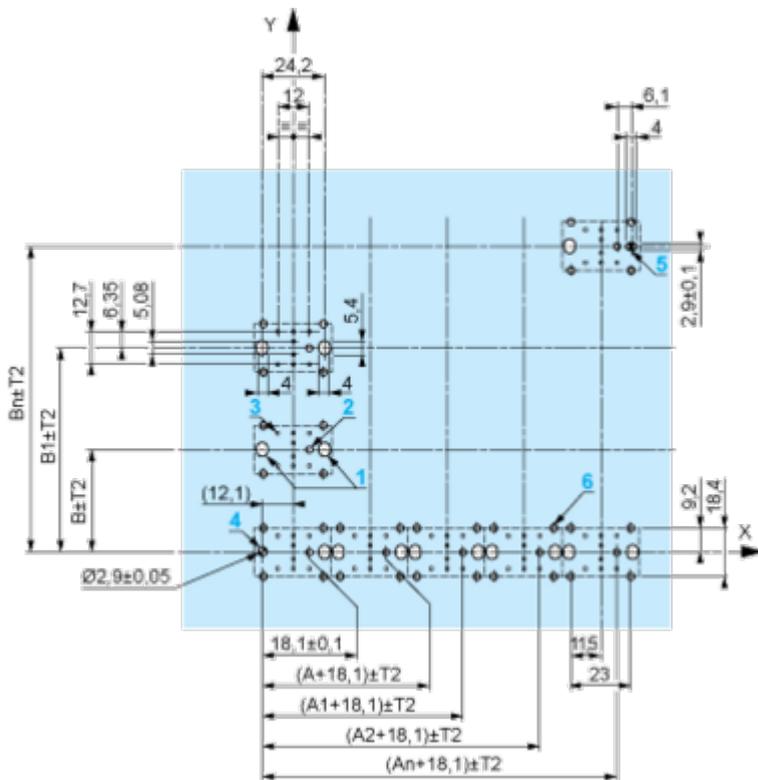


A: 30 mm min. / 1.18 in. min.

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•**

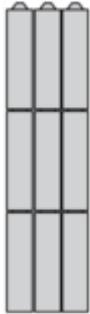
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 for centring adapter ZBZ 01•
- 3 8  $\times$   $\varnothing$  1.2 mm / 0.05 in. holes
- 4 1 hole  $\varnothing$  2.9 mm  $\pm$  0.05 / 0.11 in.  $\pm$  0.002, for aligning the printed 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 Code C1

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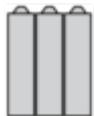


Electrical Composition Corresponding to Code C2

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Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



Electrical Composition Corresponding to Code C15

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1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



**Legend**

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Single contact



Double contact



Light block

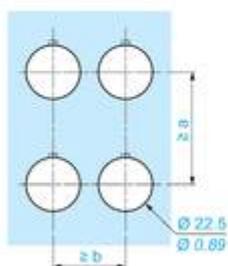
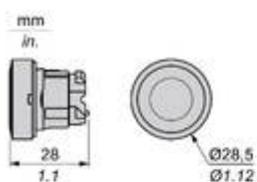


Possible location



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     |        |         |        |         |