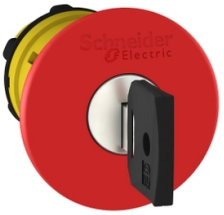
# Produktdatablad

Spesifikasjoner



## Nødstopphode i plast med Ø40 mm sopphode i rød farge og trykk/vri funksjon med nøkkel (421E)

El-nummer:

4307345 ZB5AS94412

**EAN: 3389110135091**

## Produktdata

| | |
|---|---|
| **Produktspekter** | Harmony XB5 |
| **Produkt eller type komponent** | Head for emergency stop push-button |
| **Anvendes til** | Emergency stop push-button |
| **Kortnavn på utstyr** | ZB5 |
| **Innfatningsmateriale** | Dark grey plastic |
| **Hode type** | Standard |
| **Montasjediameter** | 22 mm |
| **Salg per udelelig kvantitet** | 1 |
| **Formen på varslingsenhetens hode** | Rund |
| **Type arm/stempel** | trigger action og mekanisk låsing |
| **Tilbakestille** | Nøkkelutløsing |
| **operatørprofil** | Rød soppknapp Ø 40 mm, umerket |
| **Type nøkkellås** | Key 421E |
| **nøkkel uttrekksposisjon** | Senter |
| **Enhetens utseende** | Basic element |

## Teknisk data

| | |
|---|---|
| **Bredde** | 40 mm |
| **Høyde** | 40 mm |
| **Dybde** | 79 mm |
| **Vekt** | 0,071 kg |
| **Mekanisk levetid** | 300000 sykluser |
| **stasjonsnavn** | XALD 1 hull<br>XALK 1 hull |
| **elektrisk sammensetningskode** | C7 for <4 kontakter bruker Enkel blokker i frontmontering<br>C8 for <4 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<br>SF1 for <3 kontakter bruker Enkel blokker i frontmontering<br>SR1 for <3 kontakter bruker Enkel blokker i bakmontering<br>C10 for <4 kontakter bruker enkel og dobbel blokker i frontmontering |
| **Kompatibilitetskode** | ZB5 |

## Miljø

| | |
|---|---|
| **Overflatebeskyttelse** | TH |

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

| | |
|---|---|
| **Omgivelsestemperatur for lagring** | −40…70 °C |
| **Omgivelsestemperatur drift** | −40…70 °C |
| **Overspenningskategori** | Klasse II 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 |
| **resistens til høytrykksvask** | 7000000 Pa på 55 °C, distanse : 0.1 m |
| **Ik beskyttelsesklasse** | IK03 i samsvar med IEC 50102 |
| **Standarder** | IEC 60947-5-1<br>GB 14048.5<br>IEC 60947-5-4<br>CSA C22.2 No 14<br>IEC 60947-5-5<br>JIS C8201-5-1<br>ISO 13850<br>IEC 60204-1<br>IEC 60364-5-53<br>UL 508<br>IEC 60947-1<br>JIS C8201-1 |
| **Produktsertifikater** | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL listet |
| **Vibrasjonsmotstand** | 5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6 |
| **støtmotstand** | 30 gn (varighet = 18 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27<br>50 gn (varighet = 11 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27 |

## Forpakningsinformasjon

| | |
|---|---|
| **Enhetstype pakke 1** | PCE |
| **Antall enheter i pakke 1** | 1 |
| **Pakke 1 Høyde** | 4,3 cm |
| **Pakke 1 Bredde** | 5,2 cm |
| **Pakke 1 Vekt** | 8,8 cm |
| **Package 1 Weight** | 70 g |
| **Enhetstype pakke 2** | S01 |
| **Antall enheter i pakke 2** | 6 |
| **Pakke 2 Høyde** | 15 cm |
| **Pakke 2 Bredde** | 15 cm |
| **Pakke 2 Lengde** | 40 cm |
| **Pakke 2 Vekt** | 604 g |

## Logistikkinformasjon

| | |
|---|---|
| **Opprinnelsesland** | CZ |

## 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 | Nei |
| Emballasje uten plast | Nei |
| EU RoHS-direktiv | Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet) |
| SCIP-nummer | F28cb399-1b6a-409d-ac7b-4169e47b25c8 |
| REACh-regelverk | REACh-erklæring |

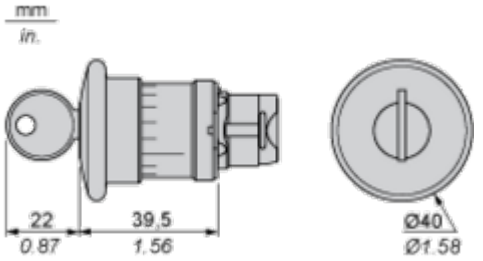
## Use Again

### Ompakking og reproduksjon

| | |
|---|---|
| Produktets livssyklus | Informasjon om levetidsslutt |
| Tilbaketakning | No |

Dimensions Drawings

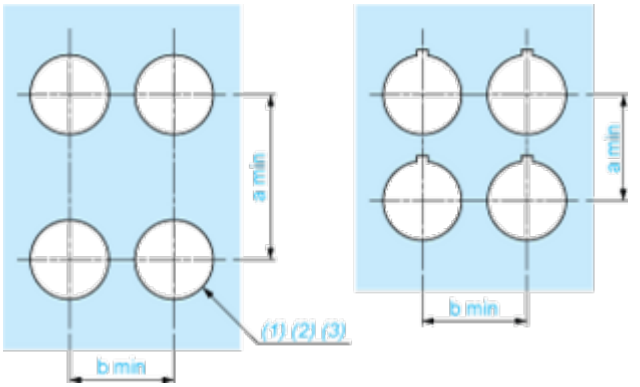
## Dimensions



## Mounting and Clearance

### Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

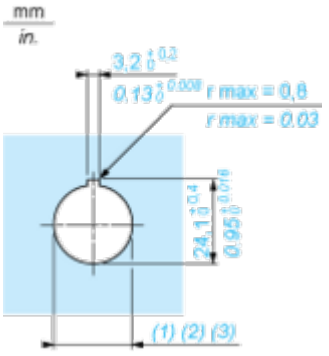
### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board




**(1)** Diameter on finished panel or support
**(2)** For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
**(3)** Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)

| Connections | a in mm | a in in. | b in mm | b in in. |
|---|---|---|---|---|
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 30 | 1.18 |
| By Faston connectors | 45 | 1.77 | 32 | 1.26 |
| On printed circuit board | 30 | 1.18 | 30 | 1.18 |

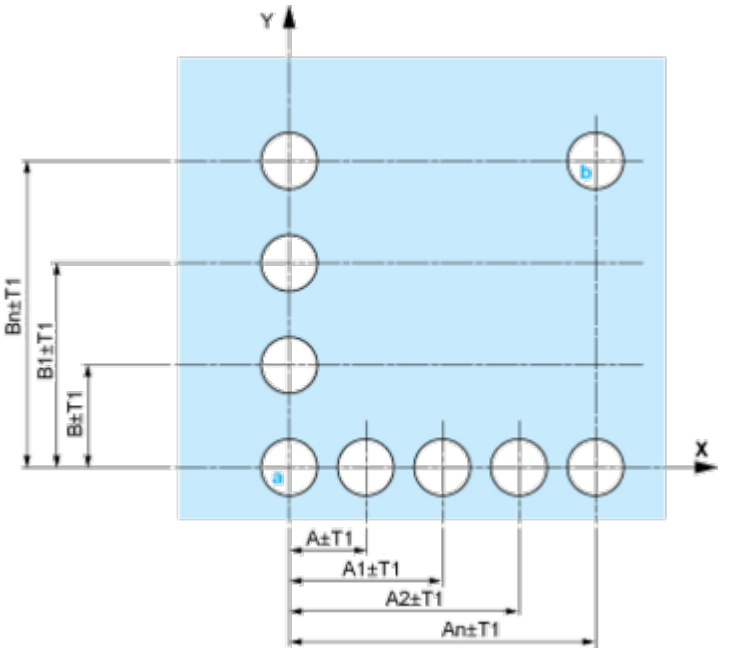
### Detail of Lug Recess




**(1)** Diameter on finished panel or support
**(2)** For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
**(3)** Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)

## Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

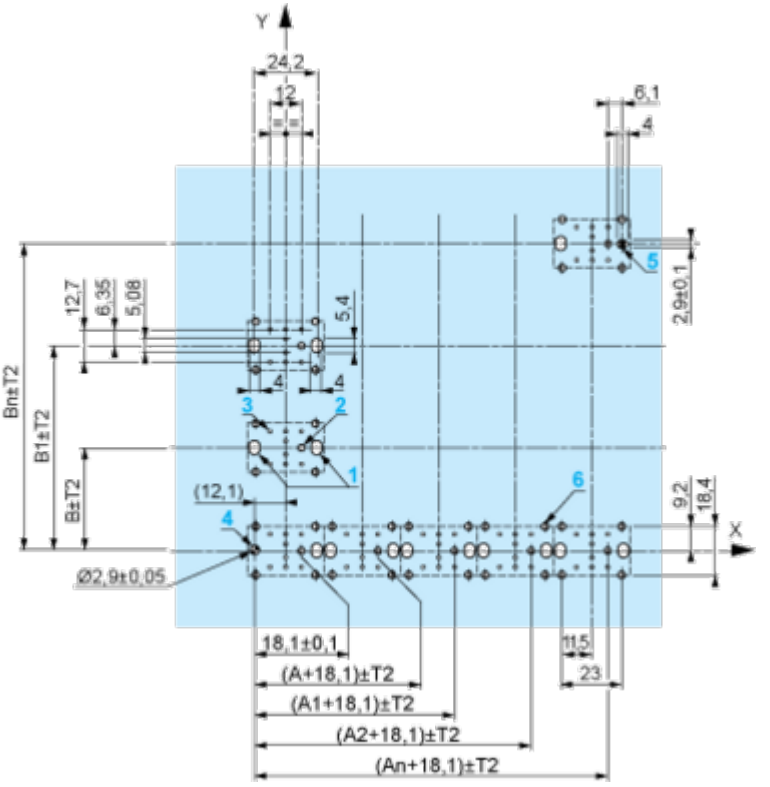
### Panel Cut-outs (Viewed from Installer's Side)



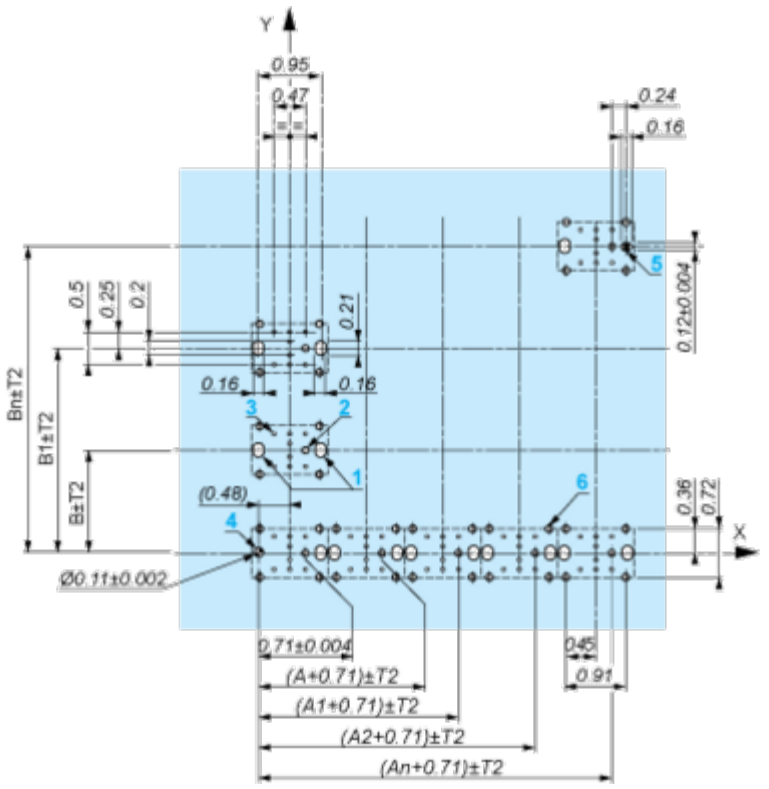

**A:** 30 mm min. / 1.18 in. min.
**B:** 40 mm min. / 1.57 in. min.

### 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.

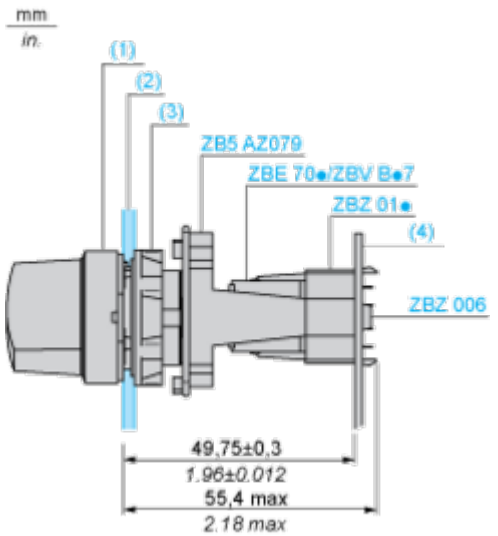
### General Tolerances of the Panel and Printed Circuit Board

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 ZB5AZ009: ± 2°30' (excluding cut-outs marked **a** and **b**).
- Tightening torque of screws ZBZ006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB5AZ079 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 (ZB5AD•, ZB5AJ•, ZB5AG•).

The fixing centers marked **a** and **b** are diagonally opposed and must align with those marked **4** and **5**.



**(1)** Head ZB5AD•
**(2)** Panel
**(2)** Nut
**(4)** Printed circuit board

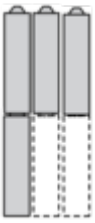
### Mounting of Adapter (Socket) ZBZ01•

- **1** 2 elongated holes for ZBZ006 screw access
- **2** 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ01•
- **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 ZBZ01•

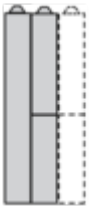
Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ01•.

Technical Description

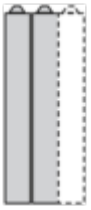
**Electrical Composition Corresponding to Code C7**



## Electrical Compositions Corresponding to Code C8



## Electrical Compositions Corresponding to Code C10



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

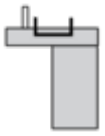


## Electrical Composition Corresponding to Code C15

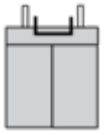
1 N/O



1 N/C



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



## Legend

Single contact



Double contact



Light block

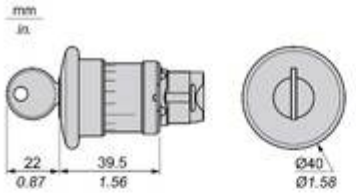


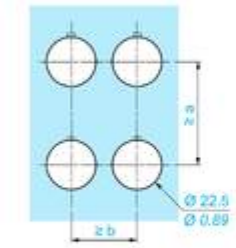
Possible location

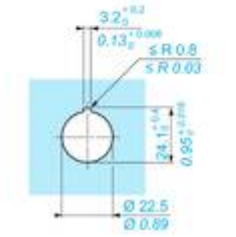


Technical Illustration

**Dimensions**




| | | a (mm) | a (in.) | b (mm) | b (in.) |
|---|---|---|---|---|---|
| ZBE●●●●● | ZBV●●●● | 40 | 1.57 | 30 | 1.18 |
| ZBE●●●●●3 | ZBV●●●●3 | 45 | 1.77 | 32 | 1.26 |
| ZBE●●●●●4 | ZBV●●●●4 | 40 | 1.57 | 30 | 1.18 |
| ZBE●●●●●5 | ZBV●●●●5 | 50 | 1.97 | 30 | 1.18 |
| ZBE●●●●●9 | ZBV●●●●9 | 40 | 1.57 | 30 | 1.18 |
| ZBRT● | ZBRV1 | 40 | 1.57 | 30 | 1.18 |