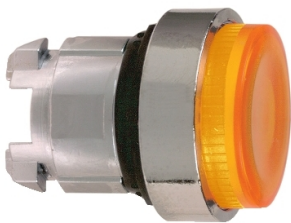


# Lista sa podacima o proizvodima

Specifikacije



narandžasta izbočena glava  
svetlećeg tastera Ø22 sa povratkom  
za integrisan LED

ZB4BW153S

⚠ Obustavljeno: 23. 1. 2021.

⚠ Nije u prodaji

## Osnovne informacije

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Grupa Proizvoda                     | Harmony XB4                           |
| Tip Proizvoda Ili Komponente        | Glava za svetleći taster              |
| Kratko Ime Uređaja                  | ZB4                                   |
| Kompatibilnost Proizvoda            | Integrisan LED                        |
| Materijal Podnožja                  | Hromirani metal                       |
| Prečnik Za Montiranje               | 22 mm                                 |
| Prodaja Po Nedeljivim Količinama    | 1                                     |
| Oblik Glave Signalne Jedinice       | Okrugla                               |
| Tip Glave Uređaja                   | sa povratkom                          |
| Profil Glave Uređaja                | Narandžasta izbočena, neoznačeno      |
| Dodatne Informacije O Glavi Uređaja | Sa koncentričnim sočivima             |
| Karakteristike Životne Sredine      | Sredina sa visokim nivoom osvetljenja |

## Dopunske informacije

|                                             |                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cad Ukupna Širina                           | 29 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| Cad Ukupna Visina                           | 29 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| Cad Ukupna Dubina                           | 33 mm                                                                                                                                                                                                                                                                                                                                                                                     |
| Masa Proizvoda                              | 0,026 kg                                                                                                                                                                                                                                                                                                                                                                                  |
| Otpornost Na Uređaj Za Pranje Pod Pritiskom | 7000000 Pa pri 55 °C, razdaljina : 0.1 m                                                                                                                                                                                                                                                                                                                                                  |
| Mehanička Trajnost                          | 10000000 ciklusa                                                                                                                                                                                                                                                                                                                                                                          |
| Kod                                         | M1 za <6 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED<br>M2 za <6 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja sa integrisan LED<br>M6 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED i transformator<br>M10 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED |
| Prezentacija Uređaja                        | Osnovni delovi uređaja                                                                                                                                                                                                                                                                                                                                                                    |

## Okruženje

|                                     |             |
|-------------------------------------|-------------|
| Tretman Zaštite                     | TH          |
| Temperatura Okoline Za Skladištenje | -40...70 °C |
| Temperatura Okoline Za Rad Uređaja  | -40...70 °C |

Sve cene koje su navedene u ovom cenovniku su informativne i neobavezujuće, bez PDV-a, isključivo u odnosu na ovlašćene distributere kompanije Schneider Electric. Svi prikazi, opisi i tehničke specifikacije i podaci u ovom cenovniku su podložni promenama od strane kompanije Schneider Electric bez prethodne najave.

Odricanje odgovornosti: Ova dokumentacija nije namenjena kao zamena i ne treba je koristiti za utvrđivanje podobnosti ili pouzdanosti ovih proizvoda za određene namene

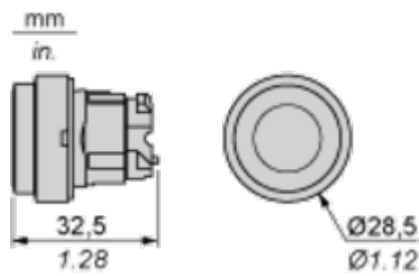
|                         |                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kategorija Prenapona    | Klasa I u skladu sa IEC 60536                                                                                                                                                                          |
| Ip Stepen Zaštite       | IP66 u skladu sa IEC 60529<br>IP69<br>IP69K                                                                                                                                                            |
| Nema Stepen Zaštite     | NEMA 13<br>NEMA 4X                                                                                                                                                                                     |
| Ik Stepen Zaštite       | IK05 conforming to EN 50102                                                                                                                                                                            |
| Standardi               | UL 508<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>JIS C8201-5-1<br>JIS C8201-1                                                                |
| Sertifikacija Proizvoda | UL odobrenje<br>BV<br>CSA<br>LROS (Lloyds register of shipping)<br>GL<br>DNV                                                                                                                           |
| Otpornost Na Vibracije  | 5 gn (f= 2...500 Hz) u skladu sa IEC 60068-2-6                                                                                                                                                         |
| Otpornost Na Udare      | 30 gn (trajanje = 18 milisekundi) za ubrzanje polovine sinusne periode u skladu sa IEC 60068-2-27<br>50 gn (trajanje = 11 milisekundi) za ubrzanje polovine sinusne periode u skladu sa IEC 60068-2-27 |

## Ugovorna garancija

|           |           |
|-----------|-----------|
| Garancija | 18 meseci |
|-----------|-----------|

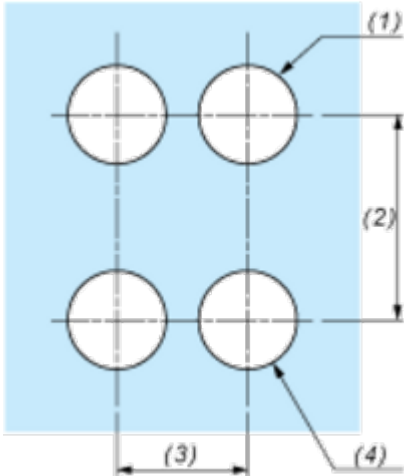
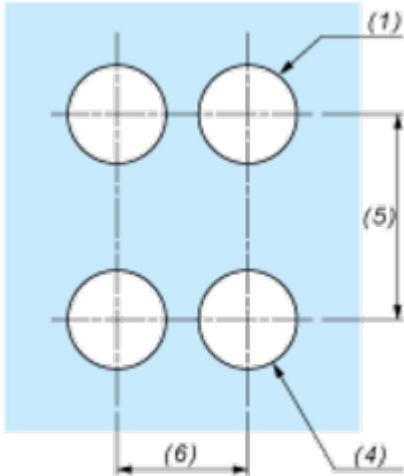
Dimensions

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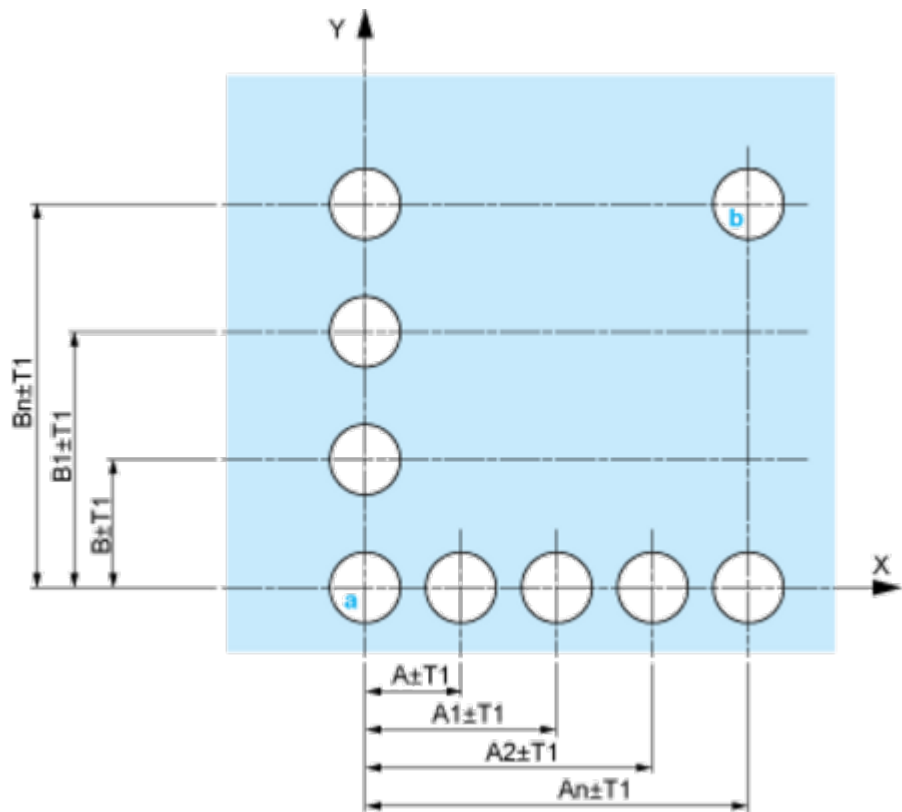
Mounting and Clearance

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</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm <math>^{+0.4}_0</math> / 0.88 in. <math>^{+0.016}_0</math>)</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(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)

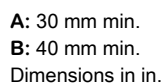


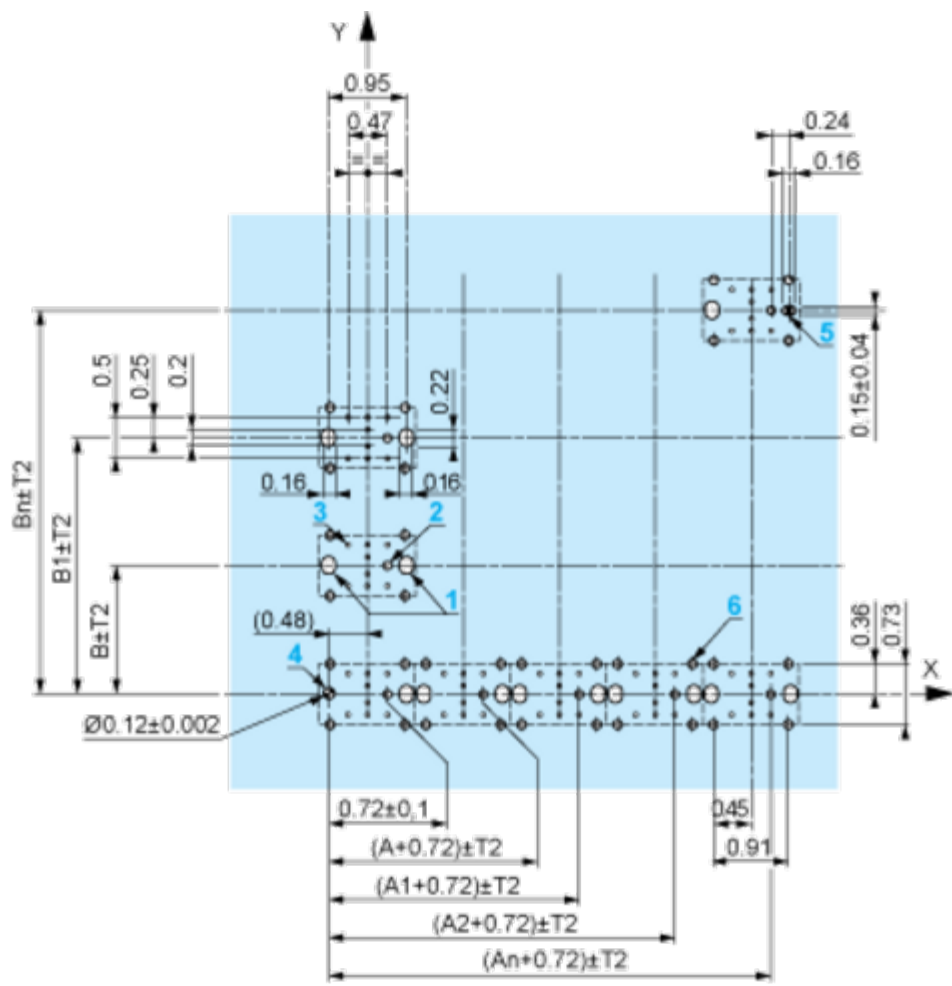
A: 30 mm min. / 1.18 in. min.

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

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

Dimensions in mm





A: 1.18 in. min.

B: 1.57 in. min.

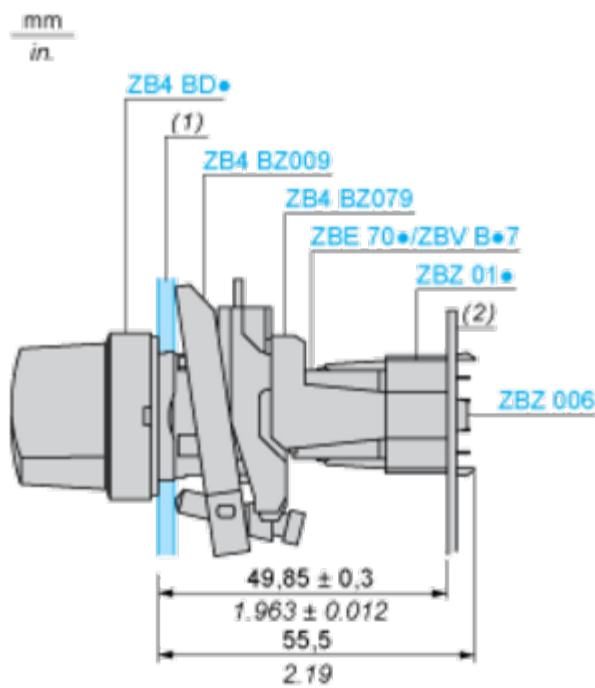
### General Tolerances of the Panel and Printed Circuit Board

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  $\pm$  0.1 / 0.88 in.  $\pm$  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

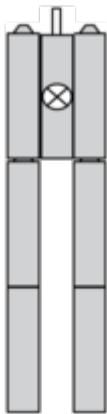
**Mounting of Adapter (Socket) ZBZ 01•**

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

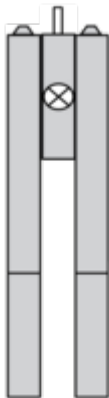
Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

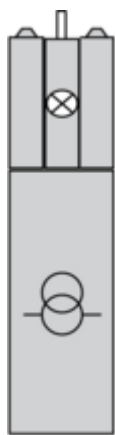
Electrical Composition Corresponding to Codes M1 and M7



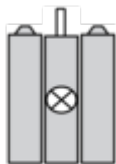
Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



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



Legend

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Single contact



Double contact



Light block



Possible location

