

Tehničke karakteristike proizvoda

Karakteristike

ZB4BG020

glava izbornog prekidača Ø22 3-pozicije bez povratka Ronis 3131A



Osnovne informacije

| | |
|----------------------------------|--------------------------------------|
| Grupa proizvoda | Harmony XB4 |
| Tip proizvoda ili komponente | Glava za izborni prekidač sa ključem |
| Kratko ime uređaja | ZB4 |
| Materijal podnožja | Hromirani metal |
| Prečnik za montiranje | 22 mm |
| Tip glave | Standardni |
| Prodaja po nedeljivim količinama | 1 |
| Oblik glave signalne jedinice | Okrugla |
| Profil glave uređaja | Crna ključ taster |
| Tip ručice | Bez povratka |
| Informacija o poziciji glave | 3 pozicije +/- 45° |
| Tip brave | Key 3131A |
| Pozicija vađenja ključa | U bilo kom položaju |

Dopunske informacije

| | |
|---|---|
| Cad ukupna širina | 29 mm |
| Cad ukupna visina | 29 mm |
| Cad ukupna dubina | 72 mm |
| Masa proizvoda | 0,098 kg |
| Otpornost na uređaj za pranje pod pritiskom | 7000000 Pa pri 55 °C, razdaljina : 0.1 m |
| Mehanička trajnost | 1000000 ciklusa |
| Kod | C3 za <6 kontakti koristeći jednostruke blokove u prednja ugradnja C4 za <6 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja C5 za <5 kontakti koristeći jednostruke blokove u prednja ugradnja C6 za <5 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja C7 za <4 kontakti koristeći jednostruke blokove u prednja ugradnja C8 za <4 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja C11 za <3 kontakti koristeći jednostruke blokove u prednja ugradnja |
| Prezentacija uređaja | Osnovni element |

Okruženje

| | |
|-------------------------------------|---|
| Tretman zaštite | TH |
| Temperatura okoline za skladištenje | -40...70 °C |
| Temperatura okoline za rad uređaja | -40...70 °C |
| Kategorija prenapona | Klasa I u skladu sa IEC 60536 |
| Ip stepen zaštite | IP66 u skladu sa IEC 60529 IP67 IP69 IP69K |
| Nema stepen zaštite | NEMA 13 NEMA 4X |

| | |
|-------------------------|--|
| Standardi | UL 508 EN/IEC 60947-5-5 EN/IEC 60947-1 EN/IEC 60947-5-4 GB 14048.5 CSA C22.2 No 14 EN/IEC 60947-5-1 |
| Sertifikacija proizvoda | DNV[RETURN]UL odobrenje[RETURN]LROS (Lloyds register of shipping) [RETURN]BV[RETURN]GL[RETURN]CSA |
| 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 50 gn (trajanje = 11 milisekundi) za ubrzanje polovine sinusne periode u skladu sa IEC 60068-2-27 |

Pakovanje

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5,33 cm |
| Package 1 Width | 3,56 cm |
| Package 1 Length | 8,89 cm |
| Package 1 Weight | 0,1 kg |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 50 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 5,605 kg |

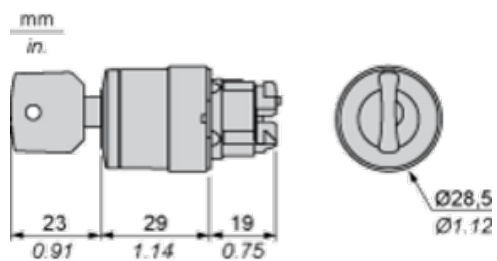
Održivost ponude

| | |
|------------------------------|--|
| Status održive ponude | Green Premium proizvod |
| Propis REACH | REACH Deklaracija |
| EU RoHS direktiva | Proaktivna usaglašenost (proizvod nije u zakonskom okviru direktive EU RoHS) |
| Bez žive | Da |
| RoHS regulativa za Kinu | RoHS Deklaracija Za Kinu |
| Informacije o RoHS izuzecima | Da |
| Izjava o zaštiti okoliša | Profil Ekološke Prihvatljivosti Proizvoda |
| Profil cirkularnosti | Informacije O Kraju Radnog Veka |

Ugovorna garancija

| | |
|-----------|-----------|
| Garancija | 18 months |
|-----------|-----------|

Dimensions



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

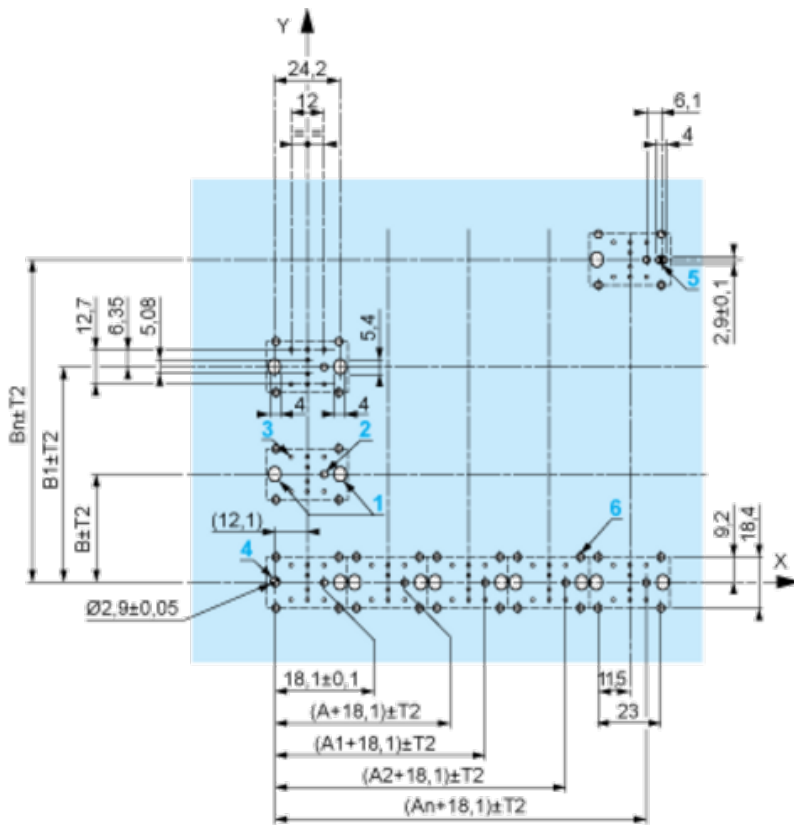
Panel Cut-outs (Viewed from Installer's Side)



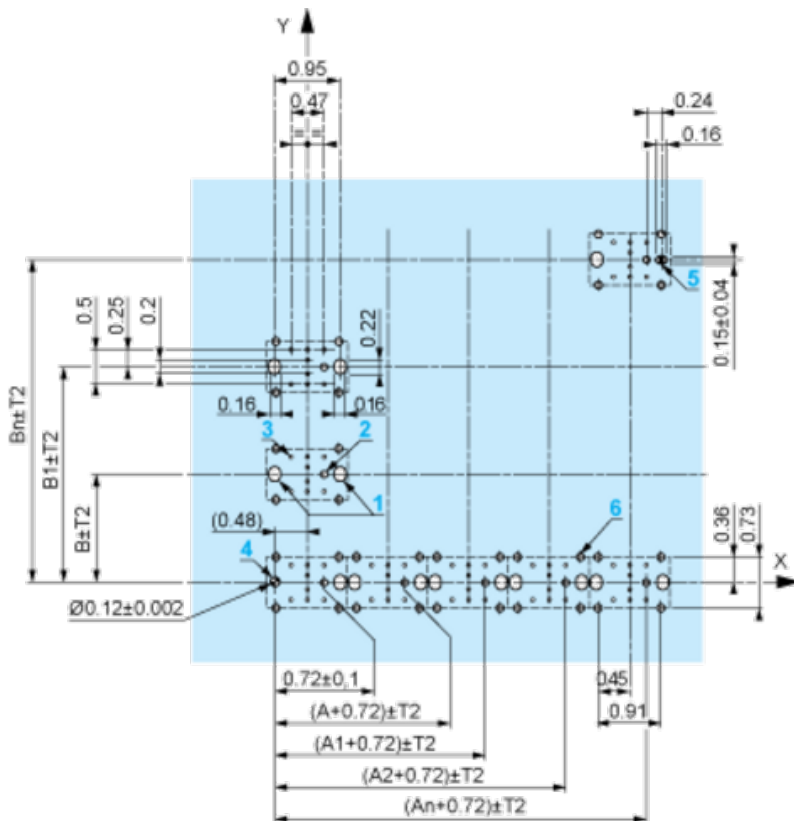
A: 30 mm min. / 1.18 in. min.
 B: 40 mm min. / 1.57 in. min.

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 \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 \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•

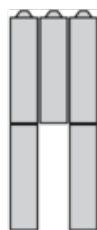
Dimensions An + 18.1 relate to the \varnothing 2.4 mm \pm 0.05 / 0.09 in. \pm 0.002 holes for centring adapter ZBZ 01•.

Electrical Composition Corresponding to Code C3



Electrical Composition Corresponding to Code C4

Electrical Composition Corresponding to Code C5



Electrical Composition Corresponding to Code C6

Electrical Composition Corresponding to Code C7

Electrical Composition Corresponding to Code C8

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

Legend

Single contact

Double contact

Light block

Possible location



Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°



| | | | | | |
|----------|----------|------|--------|--------|------|
| Push | Position | Top | | | |
| Bottom | | | | | |
| Location | | Left | Centre | Right | |
| State | | 1 | 1 | 0 | |
| Contacts | N/O | | closed | closed | open |
| N/C | | open | open | closed | |

Position 0°



| | | | | | |
|----------|----------|--------|--------|--------|------|
| Push | Position | Top | | | |
| Bottom | | | | | |
| Location | | Left | Centre | Right | |
| State | | 0 | 0 | 0 | |
| Contacts | N/O | | open | open | open |
| N/C | | closed | closed | closed | |

Position 45°



| | | | | | |
|----------|----------|--------|--------|--------|--------|
| Push | Position | Top | | | |
| Bottom | | | | | |
| Location | | Left | Centre | Right | |
| State | | 0 | 1 | 1 | |
| Contacts | N/O | | open | closed | closed |
| N/C | | closed | open | open | |