

## Tehničke karakteristike proizvoda

### Karakteristike

## ZB5AS55

žuta Ø40 glava pečurkastog tastera Ø22  
okidanje otpuštanje zakretanjem



### Osnovne informacije

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Grupa proizvoda                  | Harmony XB5                                |
| Tip proizvoda ili komponente     | Glava za nesvetleći taster                 |
| Kratko ime uređaja               | ZB5                                        |
| Materijal podnožja               | Tamno siva plastika                        |
| Tip glave                        | Standardni                                 |
| Prečnik za montiranje            | 22 mm                                      |
| Prodaja po nedeljivim količinama | 1                                          |
| Oblik glave signalne jedinice    | Okrugla                                    |
| Tip glave uređaja                | zadržka                                    |
| Reset                            | Otpuštanje zakretanjem                     |
| Profil glave uređaja             | Žuta pečurkasti taster Ø 40 mm, neoznačeno |
| Prezentacija uređaja             | Osnovni element                            |

### Dopunske informacije

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cad ukupna širina  | 40 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cad ukupna visina  | 40 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cad ukupna dubina  | 57 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Masa proizvoda     | 0,044 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mehanička trajnost | 500000 ciklusa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Ime stanice        | XALD 1 izrez<br>XALK 1 izrez                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Kod                | C11 za <3 kontakti koristeći jednostruke blokove u prednja ugradnja<br>C15 za <1 kontakti koristeći jednostruke blokove u prednja ugradnja<br>SF1 za <3 kontakti koristeći jednostruke blokove u prednja ugradnja<br>SR1 za <3 kontakti koristeći jednostruke blokove u zadnja montaža<br>C7 za <4 kontakti koristeći jednostruke blokove u prednja ugradnja<br>C8 za <4 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja<br>C10 za <4 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja |
| Kompatibilnost     | ZB5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### Okruženje

|                                             |                                                     |
|---------------------------------------------|-----------------------------------------------------|
| Tretman zaštite                             | TH                                                  |
| Temperatura okoline za skladištenje         | -40...70 °C                                         |
| Temperatura okoline za rad uređaja          | -40...70 °C                                         |
| Kategorija prenapona                        | Klasa II u skladu sa IEC 60536                      |
| Ip stepen zaštite                           | IP66 u skladu sa IEC 60529<br>IP67<br>IP69<br>IP69K |
| Nema stepen zaštite                         | NEMA 13<br>NEMA 4X                                  |
| Otpornost na uređaj za pranje pod pritiskom | 7000000 Pa pri 55 °C, razdaljina : 0.1 m            |
| Ik stepen zaštite                           | IK03 conforming to IEC 50102                        |

|                         |                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standardi               | UL 508<br>JIS C8201-5-1<br>IEC 60947-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>IEC 60947-5-4<br>JIS C8201-1                                                                                             |
| Sertifikacija proizvoda | DNV[RETURN]LROS (Lloyds register of shipping)<br>[RETURN]GL[RETURN]CSA[RETURN]UL odobrenje[RETURN]BV                                                                                                   |
| 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 |

## Pakovanje

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 4,5 cm   |
| Package 1 Width              | 5,3 cm   |
| Package 1 Length             | 8,8 cm   |
| Package 1 Weight             | 42,0 g   |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 100      |
| Package 2 Height             | 30,0 cm  |
| Package 2 Width              | 30,0 cm  |
| Package 2 Length             | 40,0 cm  |
| Package 2 Weight             | 4,761 kg |

## Održivost ponude

|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| Status održive ponude        | Green Premium proizvod                                                                                           |
| Propis REACh                 | <a href="#">REACh Deklaracija</a>                                                                                |
| REACh bez SVHC               | Da                                                                                                               |
| EU RoHS direktiva            | Proaktivna usaglašenost (proizvod nije u zakonskom okviru direktive EU RoHS) <a href="#">EU RoHS deklaracija</a> |
| Bez toksičnih teških metala  | Da                                                                                                               |
| Bez žive                     | Da                                                                                                               |
| RoHS regulativa za Kinu      | <a href="#">RoHS Deklaracija Za Kinu</a>                                                                         |
| Informacije o RoHS izuzecima | <a href="#">Da</a>                                                                                               |
| Izjava o zaštiti okoliša     | <a href="#">Profil Ekološke Prihvatljivosti Proizvoda</a>                                                        |
| Profil cirkularnosti         | <a href="#">Informacije O Kraju Radnog Veka</a>                                                                  |

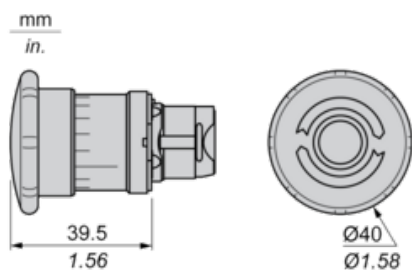
## Ugovorna garancija

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

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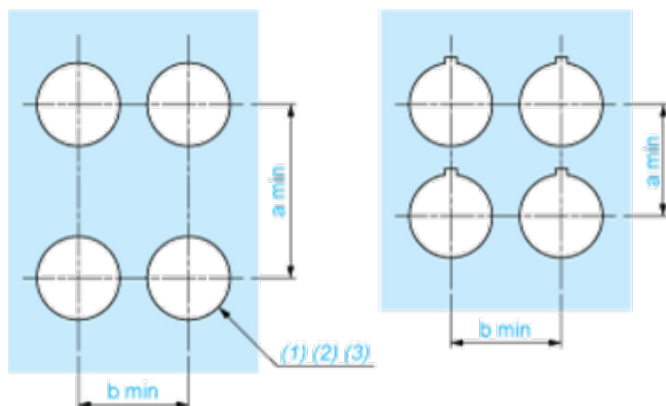
Dimensions

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

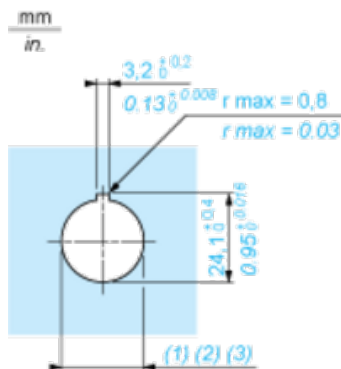
### Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3 \text{ }_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88 \text{ in. }_0^{+0.016}$ )

| 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     |

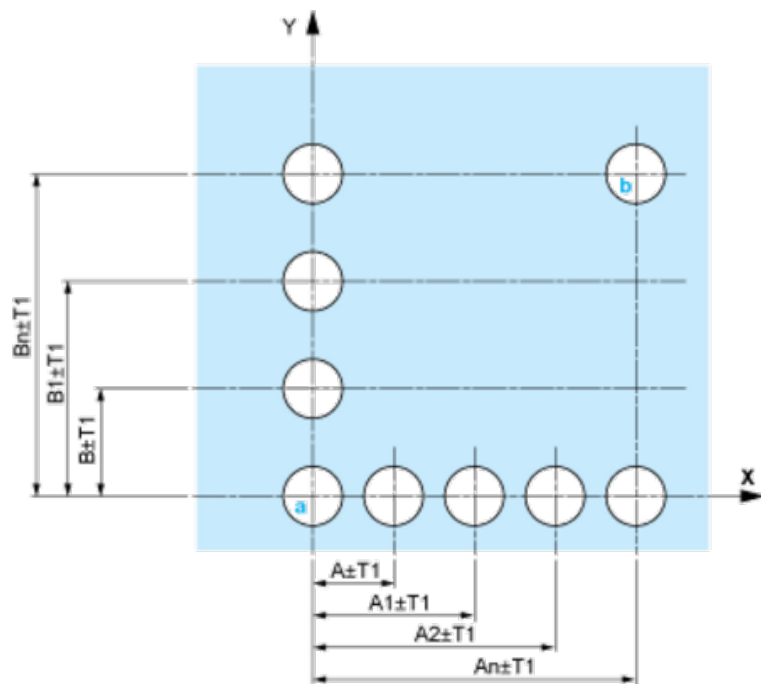
### Detail of Lug Recess



- (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)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3 \text{ }_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88 \text{ in. }_0^{+0.016}$ )

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

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

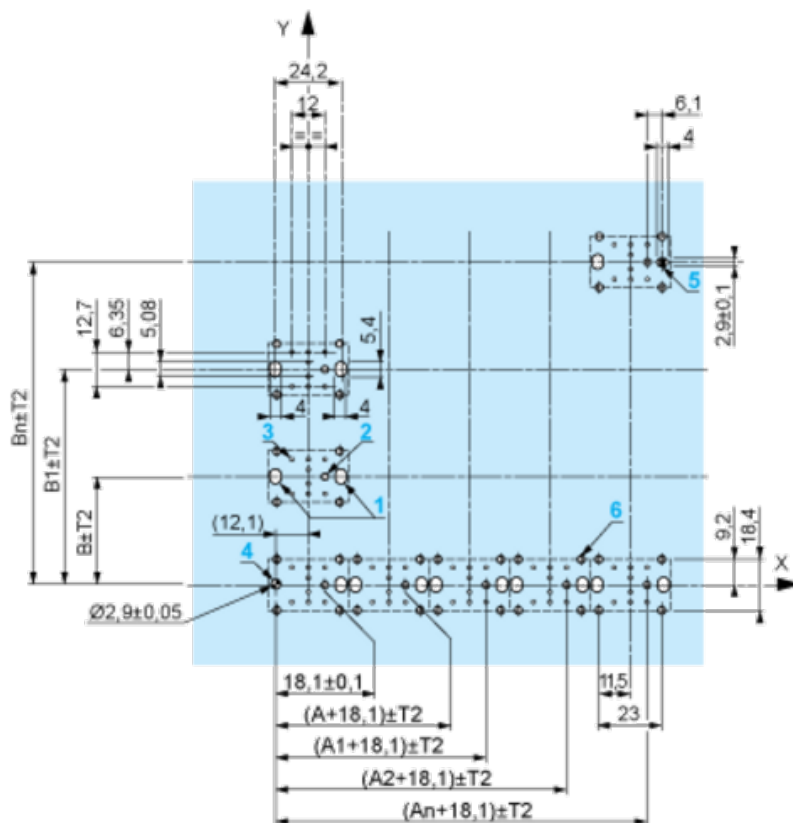


A: 30 mm min. / 1.18 in. min.

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.

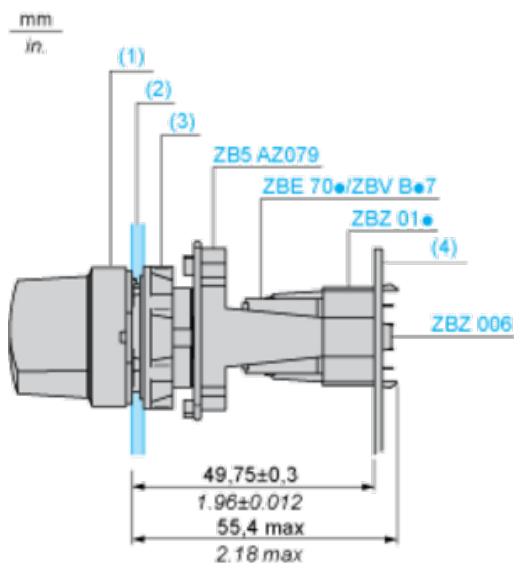
### General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in.:  $T1 + T2 = 0.3 \text{ mm max.}$

### 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 ZB5AZ009:  $\pm 2^\circ 30'$  (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  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 for centring adapter ZBZ01•
- 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 ZBZ01•

Dimensions An + 18.1 relate to the  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 holes for centring adapter ZBZ01•.

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Electrical Composition Corresponding to Code C7

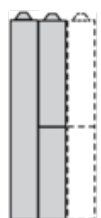
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Electrical Compositions Corresponding to Code C8

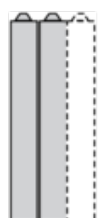
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Electrical Compositions Corresponding to Code C10

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

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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

