

## Tehničke karakteristike proizvoda

### Karakteristike

## ZB4BW16

plava izbočena glava svetlećeg tastera Ø22 sa  
povratkom za BA9s sijalicu



### Osnovne informacije

|                                     |                            |
|-------------------------------------|----------------------------|
| Grupa proizvoda                     | Harmony XB4                |
| Tip proizvoda ili komponente        | Glava za svetleći taster   |
| Kratko ime uređaja                  | ZB4                        |
| Kompatibilnost proizvoda            | BA 9s                      |
| Materijal podnožja                  | Hromirani metal            |
| Tip glave                           | Standardni                 |
| Prečnik za montiranje               | 22,5 mm                    |
| Prodaja po nedeljivim količinama    | 1                          |
| Oblik glave signalne jedinice       | Okrugla                    |
| Tip glave uređaja                   | Sa povratkom               |
| Profil glave uređaja                | Plava izbočena, neoznačeno |
| Dodatne informacije o glavi uređaja | Sa glatkim sočivima        |
| Boja kapica/glave ili sočiva        | Plava                      |

### Dopunske informacije

|                                             |                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cad ukupna širina                           | 29 mm                                                                                                                                                                                                                                                                 |
| Cad ukupna visina                           | 29 mm                                                                                                                                                                                                                                                                 |
| Cad ukupna dubina                           | 32 mm                                                                                                                                                                                                                                                                 |
| Masa proizvoda                              | 0,028 kg                                                                                                                                                                                                                                                              |
| Otpornost na uređaj za pranje pod pritiskom | 7000000 Pa pri 55 °C, razdaljina : 0.1 m                                                                                                                                                                                                                              |
| Mehanička trajnost                          | 10000000 ciklusa                                                                                                                                                                                                                                                      |
| Kod                                         | M7 za <6 kontakti koristeći jednostruke blokove u prednja ugradnja sa BA 9s<br>M8 za <6 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja sa BA 9s<br>M9 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa BA 9s i transformator |
| Prezentacija uređaja                        | Osnovni delovi uređaja                                                                                                                                                                                                                                                |

### Okruženje

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| Tretman zaštite                     | TH                                          |
| Temperatura okoline za skladištenje | -40...70 °C                                 |
| Temperatura okoline za rad uređaja  | -40...55 °C                                 |
| 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                   | IK06 conforming to IEC 62262                |

|                         |                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standardi               | IEC 60947-5-4<br>IEC 60947-5-5<br>UL 508<br>IEC 60947-5-1<br>JIS C8201-5-1<br>IEC 60947-1<br>CSA C22.2 No 14<br>JIS C8201-1                                                                            |
| Sertifikacija proizvoda | DNV[RETURN]CSA[RETURN]LROS (Lloyds register of shipping)[RETURN]UL odobrenje[RETURN]GL[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             | 3,4 cm   |
| Package 1 Width              | 4,4 cm   |
| Package 1 Length             | 5,3 cm   |
| Package 1 Weight             | 27,0 g   |
| Unit Type of Package 2       | S01      |
| Number of Units in Package 2 | 50       |
| Package 2 Height             | 15,0 cm  |
| Package 2 Width              | 15,0 cm  |
| Package 2 Length             | 40,0 cm  |
| Package 2 Weight             | 1,606 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>                                                                  |

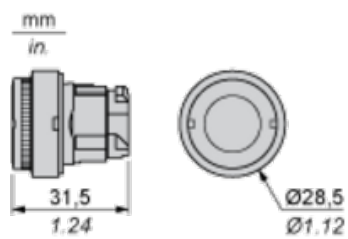
## Ugovorna garancija

|           |           |
|-----------|-----------|
| 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                                                                                                                                                                                                                                                                             | 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) <math>\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})</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: 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•.

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Electrical Composition Corresponding to Codes M1 and M7

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Electrical Composition Corresponding to Codes M2 and M8

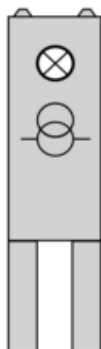
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Electrical Composition Corresponding to Code M9

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Legend

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Single contact

Double contact

Light block

Possible location

