

## Tehničke karakteristike proizvoda

### Karakteristike

## ZB5AW513

bela udubljena glava svetlećeg tastera Ø22 sa  
povratkom za integrisani LED



### Osnovne informacije

Grupa proizvoda	Harmony XB5
Tip proizvoda ili komponente	Glava za svetleći taster
Kratko ime uređaja	ZB5
Kompatibilnost proizvoda	Universal LED
Materijal podnožja	Tamno siva plastika
Prečnik za montiranje	22 mm
Prodaja po nedeljivim količinama	1
Tip glave	Standardni
Oblik glave signalne jedinice	Okrugla
Tip glave uređaja	Sa povratkom
Profil glave uređaja	Bela udubljena, neoznačeno
Dodatne informacije o glavi uređaja	Prozirna navlaka

### Dopunske informacije

Cad ukupna širina	30 mm
Cad ukupna visina	30 mm
Cad ukupna dubina	37 mm
Masa proizvoda	0,019 kg
Otpornost na uređaj za pranje pod pritiskom	7000000 Pa pri 55 °C, razdaljina : 0.1 m
Mehanička trajnost	10000000 ciklusa
Glavna grupa	Svetleći taster
Grupa proizvoda	Udubljena sa povratkom integrisana LED
Ime stanice	XALD 1...5 izreza XALK 2...5 izreza
Boja kapica/glave ili sočiva	Bela
Oznaka	Neoznačeno
Kod	M1 za <6 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED M2 za <6 kontakti koristeći jednostruke i dvostruke blokove u prednja ugradnja sa integrisan LED M6 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED i transformator M10 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED MF1 za <2 kontakti koristeći jednostruke blokove u prednja ugradnja sa integrisan LED MR1 za <2 kontakti koristeći jednostruke blokove u zadnja montaža sa integrisan LED
Prezentacija uređaja	Osnovni delovi uređaja

Informacije navedene u ovoj dokumentaciji predstavljaju opšti opis odnosno tehničke karakteristike performansi proizvoda. Dokumentacija nije namenjena da bude zamena za niti se može koristiti za određivanje prikladnosti i pouzdanosti proizvoda za specifičnu krajnju primenu. Dužnost je korisnika odnosno integratora da izvrši primerenu i sveobuhvatnu analizu rizika, procenu i proveru proizvoda u pogledu odgovarajuće specifične primene ili načina korišćenja. Ni Schneider Electric Industries SAS ni njegova povezana ili zavisna društva neće snositi odgovornost za zloupotrebu ovdanavedenih informacija.

## Okruženje

Tretman zaštite	TC
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 IP67
Nema stepen zaštite	NEMA 13 NEMA 4X
Ik stepen zaštite	IK05 conforming to EN 50102
Standardi	UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-1 GB 14048.5 JIS C8201-5-1 JIS C8201-1
Sertifikacija proizvoda	GL[RETURN]LROS (Lloyds register of shipping)[RETURN]UL odobrenje[RETURN]BV[RETURN]CSA[RETURN]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 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	3,500 cm
Package 1 Width	4,500 cm
Package 1 Length	5,000 cm
Package 1 Weight	21,000 g
Unit Type of Package 2	S01
Number of Units in Package 2	75
Package 2 Height	15,000 cm
Package 2 Width	15,000 cm
Package 2 Length	40,000 cm
Package 2 Weight	1,724 kg
Unit Type of Package 3	P06
Number of Units in Package 3	2400
Package 3 Height	75,000 cm
Package 3 Width	80,000 cm
Package 3 Length	60,000 cm
Package 3 Weight	63,168 kg

## Održivost ponude

Status održive ponude	Green Premium proizvod
Propis REACh	<a href="#">REACh Deklaracija</a>
EU RoHS direktiva	Proaktivna usaglašenost (proizvod nije u zakonskom okviru direktive EU RoHS)
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

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Garancija

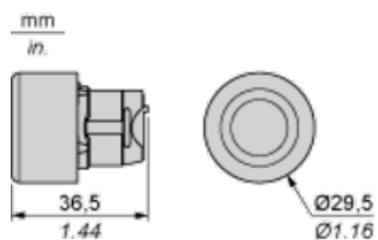
18 months

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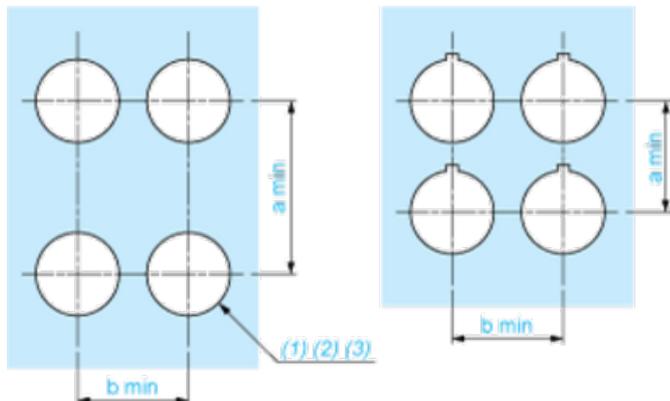
Dimensions

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

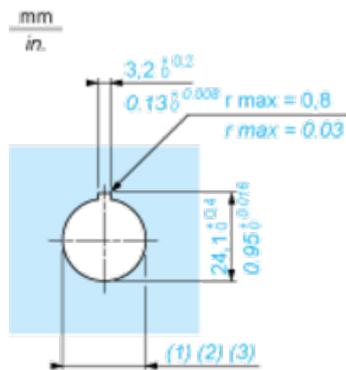
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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

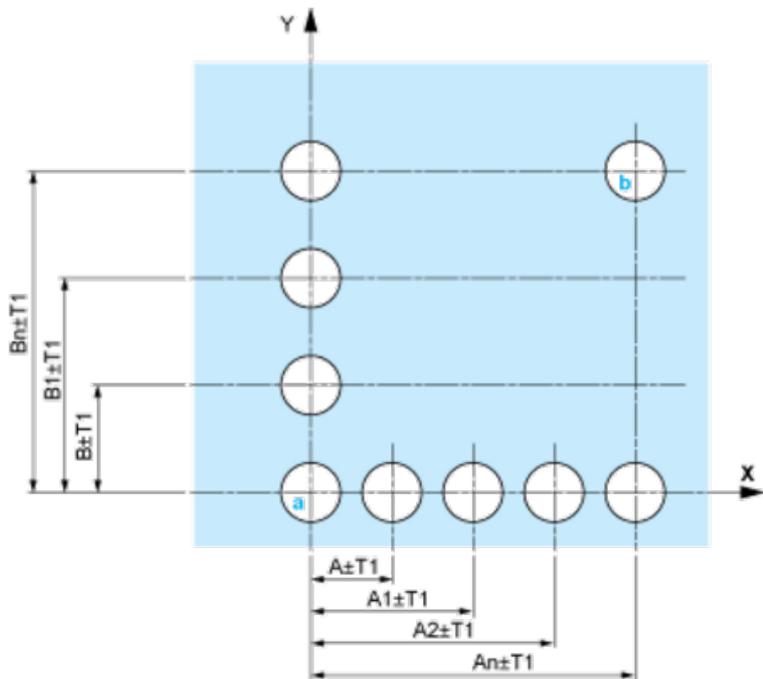
Detail of Lug Recess



- (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)

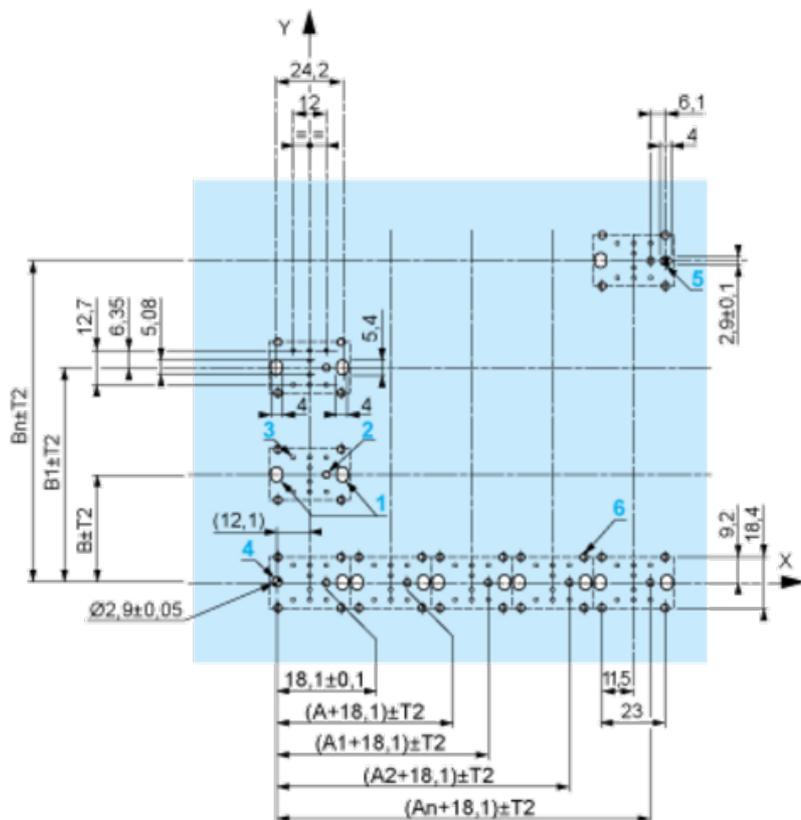


A: 30 mm min. / 1.18 in. min.

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

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

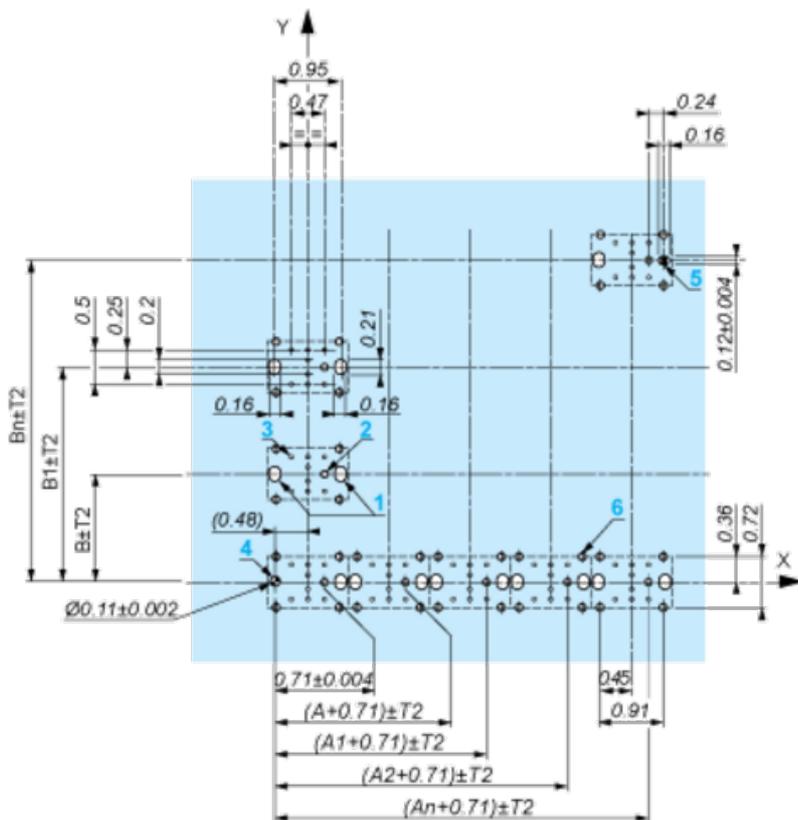
Dimensions in mm



A: 30 mm min.

B: 40 mm min.

Dimensions in in.



A: 1.18 in. min.

B: 1.57 in. min.

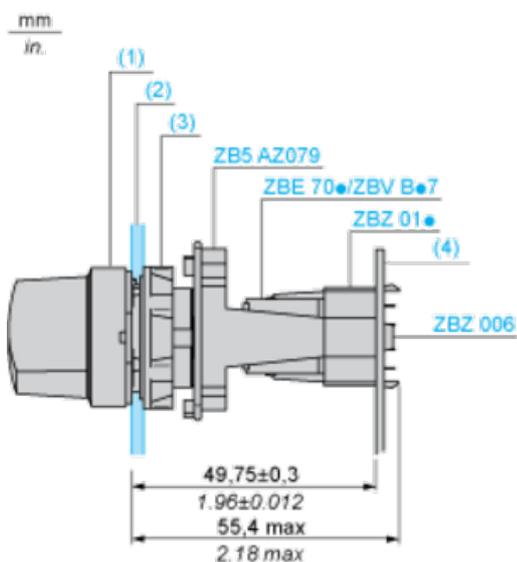
### General Tolerances of the Panel and Printed Circuit Board

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 Codes M1 and M7

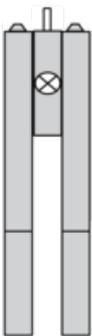
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Electrical Composition Corresponding to Codes M2 and M8

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Electrical Composition Corresponding to Codes M6 and P2

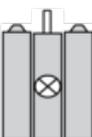
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Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

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## Legend

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Single contact

Double contact

Light block

Possible location

