



## kop voor signaallamp - Ø 22 - rond - gele normale lens

ZB5AV053

### Hoofdkenmerken

productgamma	Harmony XB5
type product of component	Kop voor controlelampje
compatibiliteit product	Universele LED
korte naam apparaat	ZB5
materiaal kraag	Donkergrijs kunststof
bevestigingsdiameter	22 mm
koptype	Standard
verkoop per ondeelbare hoeveelheid	1
vorm van kop signaleringseenheid	Rond
kap/operator of lenskleur	Geel
extra informatie operator	Met gewone lens

### Complementaire kenmerken

CAD totale breedte	29 mm
CAD totale hoogte	29 mm
CAD totale diepte	31 mm
gewicht product	0,017 kg
naam station	XALD 1...5 uitsnijdingen XALK 2...5 uitsnijdingen
elektrische samenstellingscode	P1 in vooraan gemonteerd met integrale LED P2 in vooraan gemonteerd met ingebouwde LED en transformator PF1 in vooraan gemonteerd met integrale LED PR1 in montage aan achterzijde met integrale LED
presentatie product	Basiselement

### Omgeving

beschermende behandeling	TH
omgevingstemperatuur bij opslag	-40...70 °C
omgevingstemperatuur bij werking	-40...70 °C
overspanningscategorie	Klasse II conforming to IEC 60536
IP-beschermingsgraad	IP66 conform IEC 60529 IP67 conform IEC 60529 IP69 conform IEC 60529 IP69K conform ISO 20653

Disclaimer: Deze documentatie is niet bedoeld als vervanging voor en mag niet worden gebruikt voor het bepalen van de geschiktheid of betrouwbaarheid van deze producten voor specifieke gebruikerstoepassingen

NEMA beschermingsgraad	NEMA 13 NEMA 4X
weerstand hoge druk drukring	7000000 Pa bij 55 °C, afstand : 0.1 m
IK-beschermingsgraad	IK05 conforming to IEC 50102
normen	IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-5 IEC 60947-1 CSA C22.2 Nr 14 IEC 60947-5-1 UL 508 JIS C8201-1
trillingsweerstand	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
schokbestendigheid	30 gn (duur = 18 ms) voor halve sinusgolf versnelling conform IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling conform IEC 60068-2-27

## Verpakkingseenheden

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4,5 cm
Package 1 Width	3,4 cm
Package 1 Length	5,4 cm
Package 1 Weight	16,0 g
Unit Type of Package 2	S03
Number of Units in Package 2	300
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5,32 kg


## Contractuële waarborg

Garantie	18 months
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Schneider Electric wil tegen 2050 de Net Zero-status hebben bereikt via partnerschappen in de toeleveringsketen, materialen met een lagere impact en circulariteit via onze doorlopende campagne "Use Better, Use Longer, Use Again" om de levensduur van producten en de recycleerbaarheid te verlengen.

[Uitleg van Environmental Data](#) >


[Hoe evalueren we de duurzaamheid van producten?](#) >

 Milieuvoetafdruk	
Koolstofvoetafdruk (kg CO2 eq.)	1
Milieurapportage	<a href="#">Milieuprofiel van het product</a>

### Use Better

 Materialen en verpakking	
Pakket met gerecycleerd karton	Ja
Verpakkingen zonder kunststof	Ja
<a href="#">RoHS-richtlijn EU</a>	Pro-actieve naleving (product valt buiten juridisch toepassingsgebied RoHS EU)
REACH-regeling	<a href="#">REACH-verklaring</a>
RoHS-verordening China	<a href="#">RoHS-verklaring China</a>

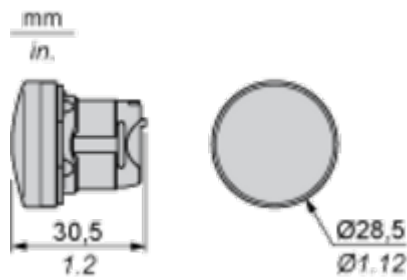
### Use Again

 Herverpakken en herfabriceren	
Circulariteitsprofiel	<a href="#">Informatie over einde levensduur</a>
Terugname	No

Dimensions Drawings

Dimensions

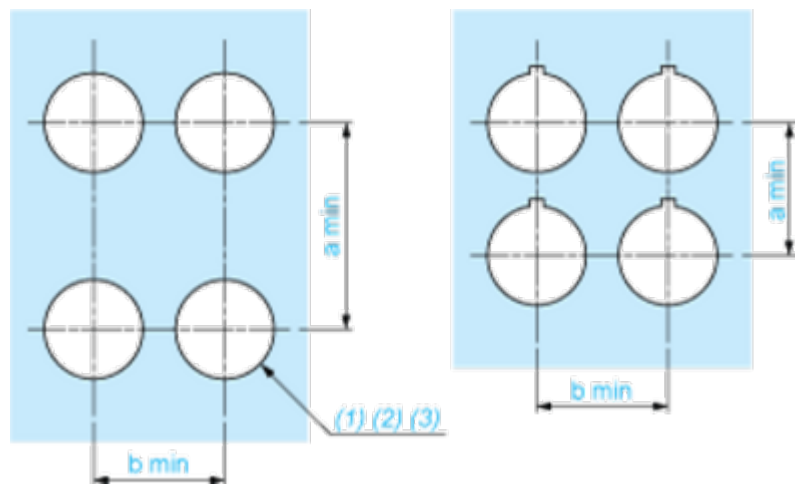
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Mounting and Clearance

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

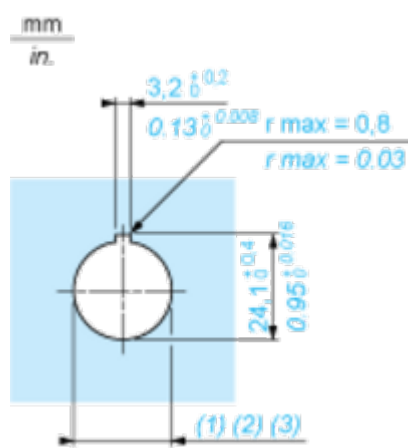
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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) Ø22.5 mm recommended ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )

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



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(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.  
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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 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 Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ01•
- 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 ZBZ01•

Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ01•.

Technical Description

Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Codes M6 and P2



Legend

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Single contact



Double contact



Light block

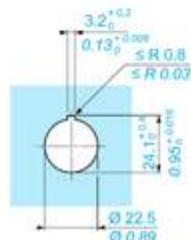
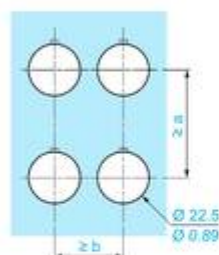
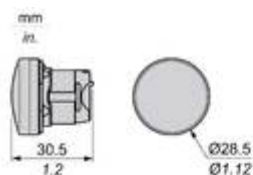














Possible location



### Technical Illustration

## Dimensions



		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE60000	ZBV60000				
		45	1.77	32	1.26
ZBE60003	ZBV60003				
		40	1.57	30	1.18
ZBE60004	ZBV60004				
		50	1.97	30	1.18
ZBE60005	ZBV60005				
		40	1.57	30	1.18
ZBE60009	ZBV60009				
		40	1.57	30	1.18
ZBRV1	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

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Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features

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### Features

Harmony XB5



Quick and easy assembly and disassembly



Excellent mechanical connection with operator head



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Robustness to withstand harsh environments



Large set of accessories to customize your panels



Image of product / Alternate images

Alternative

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