



Harmony XB5, Kop voor drukknop, Verlicht, Verzonken, Ø22mm, Groen

ZB5AW33

EAN Code: 3389110909937

Prijs: 7,55 EUR

Hoofd

range of product	Harmony XB5
product or component type	Kop voor verlichte drukknop
device short name	ZB5
compatibiliteit product	BA 9s
kraag materiaal	Donkergrijs kunststof
bevestigingsdiameter	22 mm
verkoop per ondeelbare hoeveelheid	1
koptype	Standaard
vorm van kop signaleringseenheid	Rond
type operator	terugverend
operator profiel	Groen verzonken, niet gemarkeerd
extra informatie operator	Met gewone lens

Complementair

CAD totale breedte	29 mm
CAD totale hoogte	29 mm
CAD totale diepte	32 mm
net weight	0,018 kg
weerstand hoge druk drukring	7000000 Pa bij 55 °C, afstand: 0.1 m
mechanical durability	10000000 cycles
naam station	XALD 1...5 uitsnijdingen XALK 2...5 uitsnijdingen
kap/operator of lenskleur	Groen
markering	Niet gemarkeerd
elektrische samenstellingscode	M7 voor <6 contacten met enkelvoudig blokken in vooraan gemonteerd met BA 9s M8 voor <6 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd met BA 9s M9 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met BA 9s en transformator MF2 voor <2 contacten met enkelvoudig blokken in vooraan gemonteerd met BA 9s
product presentatie	Basis sub-eenheden

Omgeving

beschermende behandeling	TC
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De weergegeven prijs is de adviesprijs in euro excl. BTW. Deze kan onderhevig zijn aan korting. Neem contact op met uw lokale distributeur of detailhandel voor de daadwerkelijke prijs

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

ambient air temperature for storage	-40...70 °C
ambient air temperature for operation	-40...55 °C
overvoltage category	Klasse II conforming to IEC 60536
IP beschermingsgraad	IP66 conform aan IEC 60529 IP67 IP69 IP69K
NEMA beschermingsgraad	NEMA 13 NEMA 4X
IK-beschermingsgraad	IK05 conforming to IEC 62262
standards	IEC 60947-5-4 IEC 60947-1 CSA C22.2 Nr 14 IEC 60947-5-1 GB 14048.5 JIS C8201-5-1 UL 508 JIS C8201-1
product certifications	CSA DNV BV LROS (Lloyds register of shipping) UL listed
trilling bestendigheid	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
schokbestendigheid	30 gn (duur = 18 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27

Verpakkingseenheid

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	18,0 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	1,062 kg

contractuele waarborg

Garantie	18 months
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Environmental Data

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	
Totale levenscyclus ecologische voetafdruk	1
Milieuprofiel van product (PEP)	Milieuprofiel van het product

Use Better

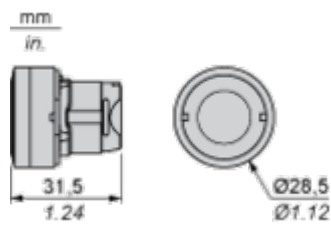
 Materialen en verpakking	
Pakket met gerecycleerd karton	Nee
Verpakkingen zonder kunststof	Nee
EU-richtlijn RoHS	Voldoet pro-actief (Product valt niet onder de EU RoHS juridische scope)
REACH-regelgeving	REACH-verklaring

Use Again

 Herverpakken en herfabriceren	
Circulair Profiel	Informatie over einde levensduur
Terugname	No

Dimensions Drawings

Dimensions



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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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 ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB5AZ009: ± 2° 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•.

Technical Description

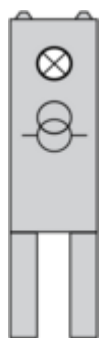
Electrical Composition Corresponding to Codes M1 and M7



Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Code M9



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



Legend

Single contact



Double contact



Light block

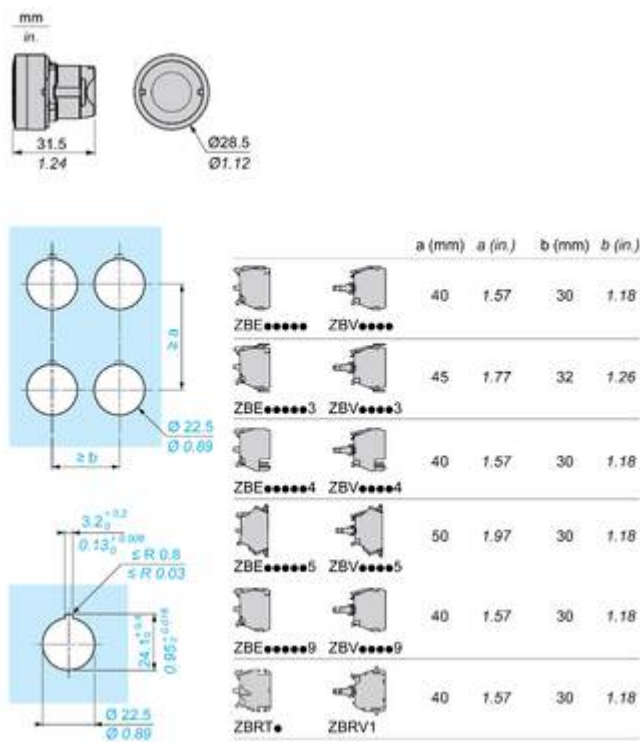


Possible location



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4/XB5 Illuminated functions



NEW universal LED Block for all colors





Simple stock management



Improved installation time and easy selection







Improved color intensity and brightness



Offer Marketing Illustration

Product benefits / Features

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



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB5



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Large set of accessories to customize your panels



Image of product / Alternate images

Alternative







Image of product in real life situation

