Productinformatieblad

Specificaties

white selector switch head 3 pos stay put cp grey

ZB5AD301C0

EAN Code: 3606489763206

Prijs: 17,30 EUR

Hoofd

range of product	Harmony XB5
product of component type	Kop voor keuzeschakelaar
device short name	ZB5
kraag materiaal	Kunststof gekleurd grijs
bevestigingsdiameter	22 mm
koptype	Standaard
verkoop per ondeelbare hoeveelheid	1
vorm van kop signaleringseenheid	Rond
type operator	blijven
operator profiel	Wit standaard hendel
informatie positie operator	3 standen +/- 45°

Complementair

CAD totale breedte	29 mm
CAD totale hoogte	29 mm
CAD totale diepte	46 mm
gewicht product	0,017 kg
mechanical durability	1000000 cycles
naam station	XALD 1...5 uitsnijdingen XALK 2...5 uitsnijdingen
elektrische samenstellingscode	C3 voor <6 contacten gebruik enkelvoudig blokken in vooraan gemonteerd C4 voor <6 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd C5 voor <5 contacten gebruik enkelvoudig blokken in vooraan gemonteerd C6 voor <5 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd C7 voor <4 contacten gebruik enkelvoudig blokken in vooraan gemonteerd C8 voor <4 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd C11 voor <3 contacten gebruik enkelvoudig blokken in vooraan gemonteerd SF1 voor <3 contacten gebruik enkelvoudig blokken in vooraan gemonteerd SR1 voor <3 contacten gebruik enkelvoudig blokken in montage aan achterzijde
product presentatie	Basisonderdeel

Omgeving

beschermende behandeling	TH
ambient air temperature for storage	-40…70 °C
omgevingstemperatuur voor werking	-40…70 °C
overvoltage category	Klasse II In overeenstemming met IEC 60536

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

IP beschermingsgraad	IP67 In overeenstemming met IEC 60529
Enclosure Type	UL type 4X/13
weerstand hoge druk drukring	7000000 Pa om 55 °C, afstand: 0.1 m
IK-beschermingsgraad	IK06 In overeenstemming met IEC 50102
standards	JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-1 CSA C22.2 Nr 14 UL 508 JIS C8201-1
product certifications	DNV CSA BV LROS (Lloyds register of shipping) UL listed
trilling bestendigheid	5 gn (f= 2…500 Hz) In overeenstemming met IEC 60068-2-6
schokbestendigheid	30 gn (duur = 18 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27

Verpakkingseenheid

Eenheidstype van verpakking 1	PCE
Aantal eenheden in verpakking 1	1
verpakking 1 hoogte	4,2 cm
verpakking 1 breedte	3,3 cm
verpakking 1 lengte	5,2 cm
verpakking_1_gewicht	24,0 g

contractuele waarborg

Garantie (in maanden)	18

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

Milieu Profiel	Milieuprofiel van het product

Use Better

Materialen en verpakking

Pakket met gerecycleerd karton	Ja
Verpakkingen zonder kunststof	Ja
RoHS-richtlijn van de EU	Conform
REACh-verordening	Referentie bevat geen SVHC boven drempelwaarde

Use Longer

Levensduurverlenging

Reparatie	Nee

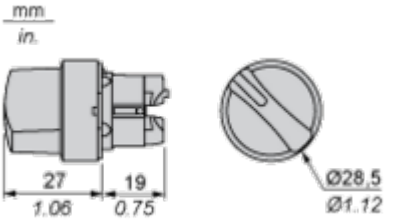
Use Again

Herverpakken en herfabriceren

Circulair Profiel	Informatie over einde levensduur
Terugname	Ja

Dimensions Drawings

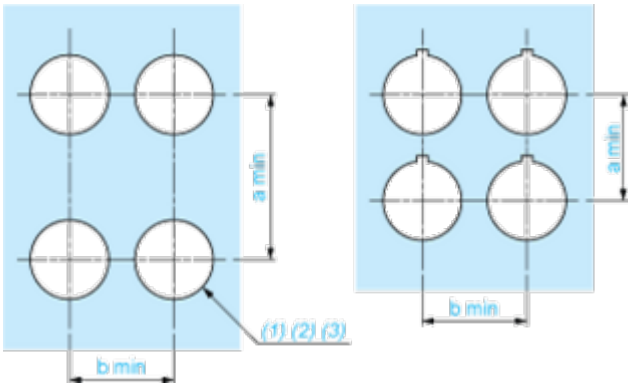
Dimensions



Mounting and Clearance

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

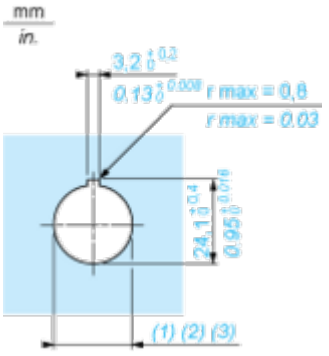
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



(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 (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 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

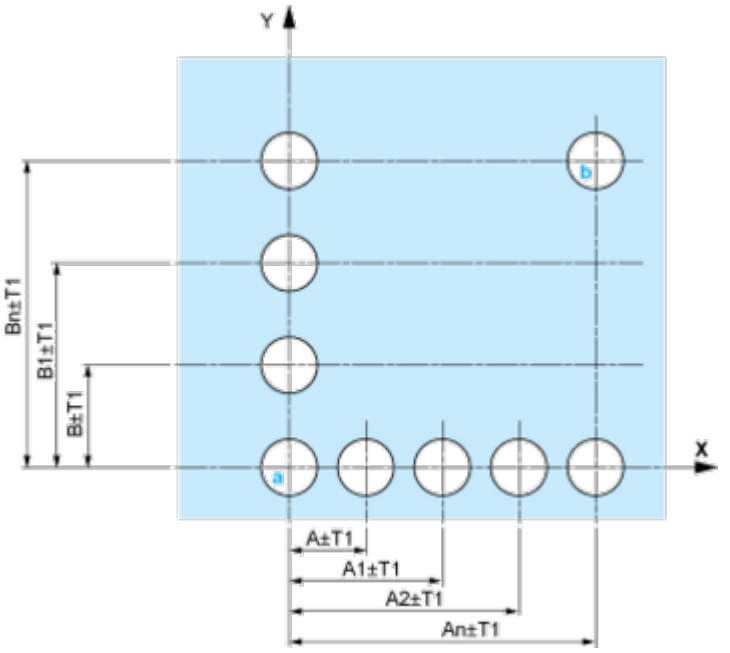
Detail of Lug Recess



(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) Ø22.5 mm recommended (Ø22.3 $_{0}^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_{0}^{+0.016}$)

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

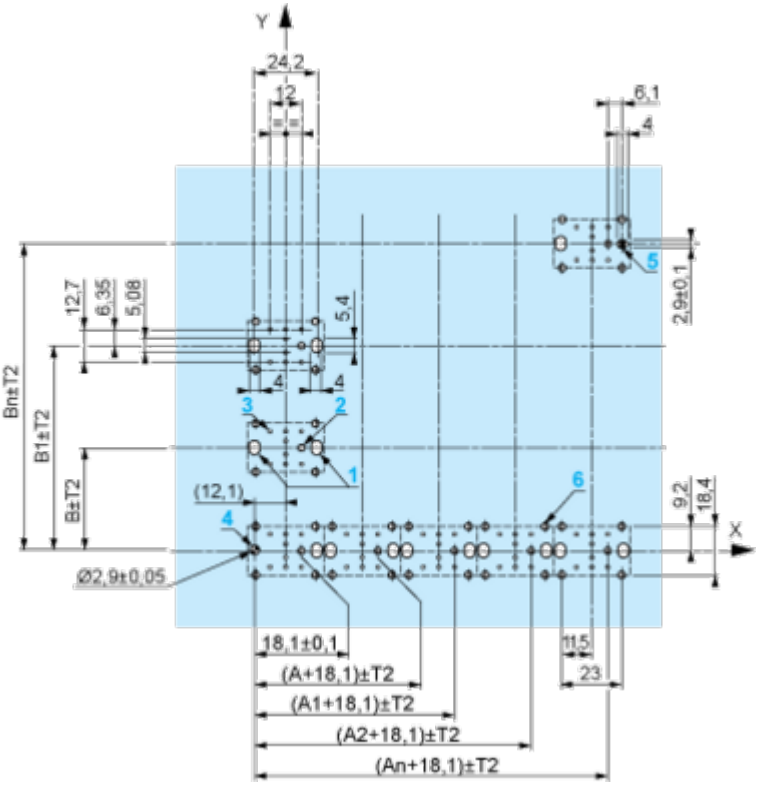
Panel Cut-outs (Viewed from Installer's Side)



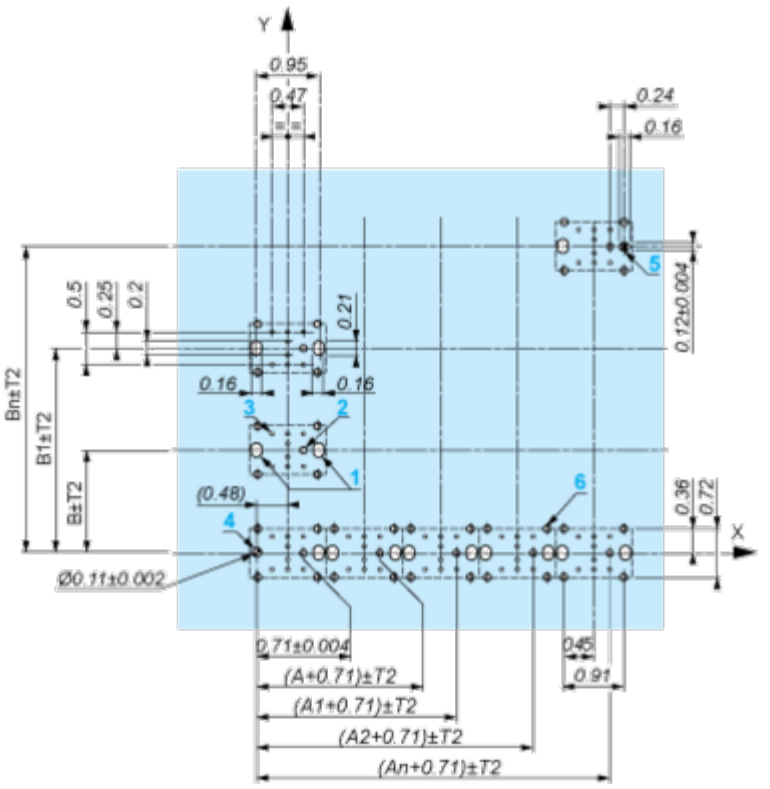
A: 30 mm min. / 1.18 in. min.
B: 40 mm min. / 1.57 in. min.

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.

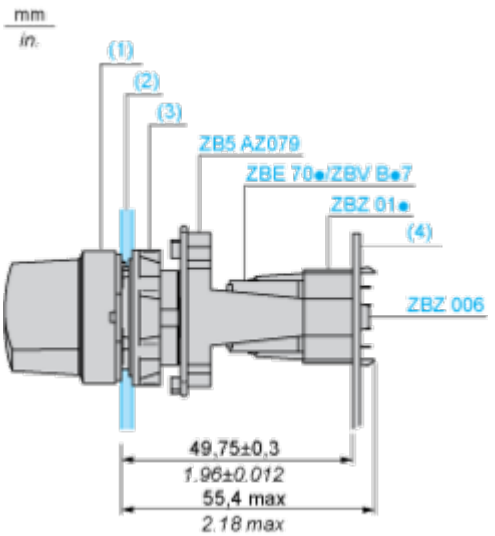
General Tolerances of the Panel and Printed Circuit Board

The cumulative tolerance must not exceed 0.3 mm / 0.012 in.: T1 + T2 = 0.3 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•

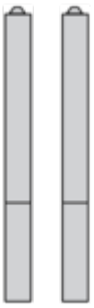
- **1** 2 elongated holes for ZBZ006 screw access
- **2** 1 hole Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ01•
- **3** 8 × Ø 1.2 mm / 0.05 in. holes
- **4** 1 hole Ø 2.9 mm ± 0.05 / 0.11 in. ± 0.002, for aligning the printed circuit board (with cut-out marked **a**)
- **5** 1 elongated 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•.

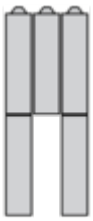
Technical Description

Electrical Composition Corresponding to Code C3

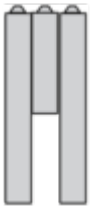
Electrical Composition Corresponding to Code C4



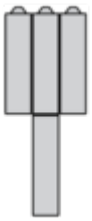
Electrical Composition Corresponding to Code C5



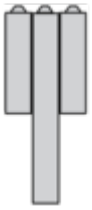
Electrical Composition Corresponding to Code C6



Electrical Composition Corresponding to Code C7



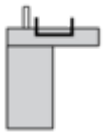
Electrical Composition Corresponding to Code C8



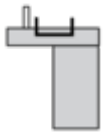
Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

Electrical Composition Corresponding to Code C15

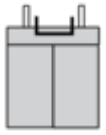
1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

Single contact

Double contact

Light block

Possible location

Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°

Push	Position	Top			
		Bottom			
	Location		Left	Centre	Right
	State		1	1	0
Contacts	N/O		closed	closed	open
	N/C		open	open	closed

Position 0°

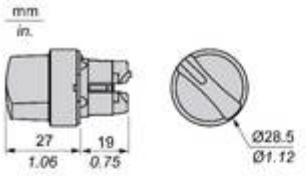
Push	Position	Top			
		Bottom			
	Location		Left	Centre	Right
	State		0	0	0
Contacts	N/O		open	open	open
	N/C		closed	closed	closed

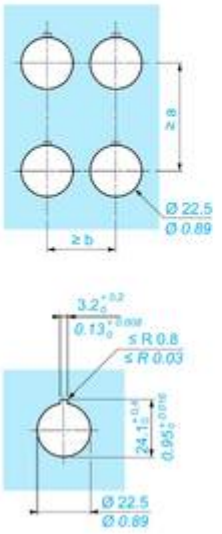
Position 45°

Push	Position	Top			
		Bottom			
	Location		Left	Centre	Right
	State		0	1	1
Contacts	N/O		open	closed	closed
	N/C		closed	open	open

Technical Illustration

Dimensions





		a (mm)	a (in.)	b (mm)	b (in.)
ZBE●●●●●	ZBV●●●●	40	1.57	30	1.18
ZBE●●●●●3	ZBV●●●●3	45	1.77	32	1.26
ZBE●●●●●4	ZBV●●●●4	40	1.57	30	1.18
ZBE●●●●●5	ZBV●●●●5	50	1.97	30	1.18
ZBE●●●●●9	ZBV●●●●9	40	1.57	30	1.18
ZBRT●	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative