

# Productinformatieblad

Specificaties



## Harmony XB5, Kop voor keuzeschakelaar, 3 standen, Terugvering, Ø22mm, Zwart

ZB5AJ5

EAN Code: 3389110906035

**Prijs: 14,75 EUR**

### Hoofd

|                                    |                                  |
|------------------------------------|----------------------------------|
| range of product                   | Harmony XB5                      |
| product of component type          | Kop voor keuzeschakelaar         |
| device short name                  | ZB5                              |
| kraag materiaal                    | Donkergrijs kunststof            |
| bevestigingsdiameter               | 22 mm                            |
| koptype                            | Standaard                        |
| verkoop per ondeelbare hoeveelheid | 1                                |
| vorm van kop signaleringseenheid   | Rond                             |
| type operator                      | Naar het midden terugverend      |
| operator profiel                   | Zwart lange hendel               |
| extra informatie operator          | Niet vergrendelbaar met hangslot |
| informatie positie operator        | 3 standen +/- 45°                |

### Complementair

|                                |  |
|--------------------------------|--|
| CAD totale breedte             | 29 mm  |
| CAD totale hoogte              | 38 mm  |
| CAD totale diepte              | 46 mm  |
| gewicht product                | 0,017 kg   |
| mechanical durability          | 1000000 cycles   |
| naam station                   | XALD 1...5 uitsnijdingen<br>XALK 2...5 uitsnijdingen   |
| elektrische samenstellingscode | C3 voor <6 contacten gebruik enkelvoudig blokken in vooraan gemonteerd<br>C4 voor <6 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C5 voor <5 contacten gebruik enkelvoudig blokken in vooraan gemonteerd<br>C6 voor <5 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C7 voor <4 contacten gebruik enkelvoudig blokken in vooraan gemonteerd<br>C8 voor <4 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C11 voor <3 contacten gebruik enkelvoudig blokken in vooraan gemonteerd<br>SF1 voor <3 contacten gebruik enkelvoudig blokken in vooraan gemonteerd<br>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 |

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

|  |  |
|--|--|
| <b>omgevingstemperatuur voor werking</b> | -40...70 °C  |
| <b>overvoltage category</b>              | Klasse II In overeenstemming met IEC 60536   |
| <b>IP beschermingsgraad</b>              | IP67 In overeenstemming met IEC 60529<br>IP69 In overeenstemming met IEC 60529<br>IP69K  |
| <b>Enclosure Type</b>                    | UL type 4X/13  |
| <b>weerstand hoge druk drukring</b>      | 7000000 Pa om 55 °C, afstand: 0.1 m  |
| <b>IK-beschermingsgraad</b>              | IK06 In overeenstemming met IEC 50102  |
| <b>standards</b>                         | CSA C22.2 Nr 14<br>JIS C8201-5-1<br>IEC 60947-1<br>IEC 60947-5-4<br>UL 508<br>IEC 60947-5-1<br>JIS C8201-1   |
| <b>product certifications</b>            | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL listed  |
| <b>trilling bestendigheid</b>            | 5 gn (f= 2...500 Hz) In overeenstemming met IEC 60068-2-6  |
| <b>schokbestendigheid</b>                | 30 gn (duur = 18 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27<br>50 gn (duur = 11 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 |

## Verpakkingseenheid

|  |         |
|--|---------|
| <b>Eenheidstype van verpakking 1</b>   | PCE     |
| <b>Aantal eenheden in verpakking 1</b> | 1       |
| <b>verpakking 1 hoogte</b>             | 3,5 cm  |
| <b>verpakking 1 breedte</b>            | 5,2 cm  |
| <b>verpakking 1 lengte</b>             | 5,4 cm  |
| <b>verpakking_1_gewicht</b>            | 24 g    |
| <b>Eenheidstype van verpakking 2</b>   | S02     |
| <b>Aantal eenheden in verpakking 2</b> | 100     |
| <b>verpakking 2 hoogte</b>             | 15 cm   |
| <b>verpakking 2 breedte</b>            | 30 cm   |
| <b>verpakking 2 lengte</b>             | 40 cm   |
| <b>verpakking 2 gewicht</b>            | 2,75 kg |

## contractuele waarborg

|                              |    |
|------------------------------|----|
| <b>Garantie (in maanden)</b> | 18 |
|------------------------------|----|

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              | 0.2 kg CO2 eq. |
| Koolstofvoetafdruk van de fabricagefase [A1–A3]         | 0.2 kg CO2 eq. |
| Koolstofvoetafdruk van de distributiefase [A4]          | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de installatiefase [A5]          | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de gebruiksfase [B2, B3, B4, B6] | 0 kg CO2 eq.   |
| Koolstofvoetafdruk van de einde-levensfase [C1–C4]      | 0 kg CO2 eq.   |

## Use Better

### Materialen en verpakking

|  |  |
|--|--|
| Gemiddeld percentage gerecycleerde kunststof | 28 %   |
| Gemiddeld percentage gerecycleerd metaal     | 60 %   |
| Pakket met gerecycleerd karton               | Nee  |
| Verpakkingen zonder kunststof                | Nee  |
| RoHS-richtlijn van de EU                     | <a href="#">Conform</a>  |
| REACH-verordening                            | <a href="#">Referentie bevat geen SVHC boven drempelwaarde</a> |

## Use Longer

### Levensduurverlenging

|           |     |
|-----------|-----|
| Reparatie | Nee |
|-----------|-----|

## Use Again

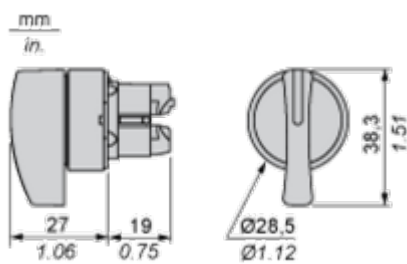
### Herverpakken en herfabriceren

|                   |  |
|-------------------|--|
| Circulair Profiel | <a href="#">Informatie over einde levensduur</a> |
| Terugname         | Ja   |

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 ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

| 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) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )





- (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 Code C3

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Electrical Composition Corresponding to Code C4

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Electrical Composition Corresponding to Code C5

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Electrical Composition Corresponding to Code C6

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Electrical Composition Corresponding to Code C7

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Electrical Composition Corresponding to Code C8

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



Electrical Composition Corresponding to Code C15

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1 N/O



1 N/C



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



**Legend**

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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 |

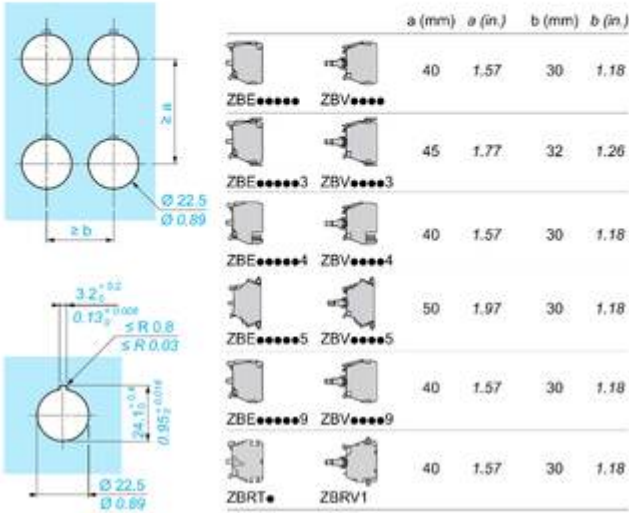
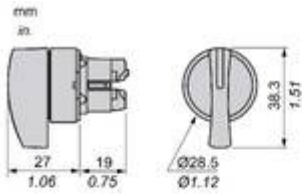
Position 45°



|                 |          |        |        |        |        |
|-----------------|----------|--------|--------|--------|--------|
| <b>Push</b>     | Position | Top    |        |        |        |
|                 |          | Bottom |        |        |        |
|                 | Location |        | Left   | Centre | Right  |
|                 | State    |        | 0      | 1      | 1      |
| <b>Contacts</b> | N/O      |        | open   | closed | closed |
|                 | N/C      |        | closed | open   | open   |

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

Harmony XB5

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws



Operating temperature from -40°C to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of a Schneider XB5 terminal block with a grey operator head. It is surrounded by five circular icons, each with a corresponding text description of a feature. The background is a solid green color.

### 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
-  Large set of accessories to customize your panels
-  Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

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