

Productinformatieblad

Specificaties



Harmony XB5, Drukknophouder, Ø22mm, 2 NC, Schroefklemmen

ZB5AZ104

EAN Code: 3389110925708

Prijs: 11,05 EUR

Hoofd

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| range of product | Harmony XB5 |
| product or component type | Volledige montage lichaam/contact |
| device short name | ZB5 |
| materiaal bevestigingskraag | Kunststof |
| verkoop per ondeelbare hoeveelheid | 1 |
| koptype | Standaard |
| type en samenstelling contacten | 2 NC |
| werking contacten | Slow-break |
| type contactblok | Enkelvoudig |
| aansluitingen - aansluitklemmen | Schroefklem aansluitingen, $\leq 2 \times 1,5 \text{ mm}^2$ met kabeluiteinde conform aan IEC 60947-1 Schroefklem aansluitingen, $\geq 1 \times 0,22 \text{ mm}^2$ zonder kabeluiteinde conform aan IEC 60947-1 |

Complementair

| | |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD totale breedte | 30 mm |
| CAD totale hoogte | 42 mm |
| CAD totale diepte | 32 mm |
| beschrijving klemmen ISO n°1 | (11-12)NC |
| samenstelling apparaat | Behuizing Bevestigingskraag |
| contact gebruik | Standaardcontacten |
| positieve opening | Met conform aan IEC 60947-5-1 appendix K |
| bedrijfstraject | 1,5 mm (normaal gesloten elektrische status wijzigen) 4,3 mm (totale reis) |
| mechanical durability | 10000000 cycles |
| aandraaimoment | 0,8...1,2 N.m conform aan IEC 60947-1 |
| vorm schroefkop | Kruis compatibel met kruis nr. 1 schroevendraaier Kruis compatibel met pozidriv Nr. 1 schroevendraaier Gegroefd compatibel met vlak Ø 4 mm schroevendraaier Gegroefd compatibel met vlak Ø 5,5 mm schroevendraaier |
| contact materiaal | Zilverlegering (Ag/Ni) |
| kortsluitbeveiliging | 10 A smeltpatroon type gG conform aan IEC 60947-5-1 |
| Ith conventionele thermische stroom in vrije lucht | 10 A conform aan IEC 60947-5-1 |
| Ui nom isolatiespanning | 600 V (vervuilingsgraad 3) conform aan IEC 60947-1 |

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

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Uimp nom. schokgolfspanning | 6 kV conform aan IEC 60947-1 |
| le nom. bedrijfstrom | 3 A bij 240 V, AC-15, A600 conform aan IEC 60947-5-1 6 A bij 120 V, AC-15, A600 conform aan IEC 60947-5-1 0,1 A bij 600 V, DC-13, Q600 conform aan IEC 60947-5-1 0,27 A bij 250 V, DC-13, Q600 conform aan IEC 60947-5-1 0,55 A bij 125 V, DC-13, Q600 conform aan IEC 60947-5-1 1,2 A bij 600 V, AC-15, A600 conform aan IEC 60947-5-1 |
| elektrische levensduur | 1000000 cycles, AC-15, 2 A bij 230 V, gebruiksnelheid <3600 cyc/h, belastingsfactor: 0,5 conform aan IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A bij 120 V, gebruiksnelheid <3600 cyc/h, belastingsfactor: 0,5 conform aan IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A bij 24 V, gebruiksnelheid <3600 cyc/h, belastingsfactor: 0,5 conform aan IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0,2 A bij 110 V, gebruiksnelheid <3600 cyc/h, belastingsfactor: 0,5 conform aan IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0,5 A bij 24 V, gebruiksnelheid <3600 cyc/h, belastingsfactor: 0,5 conform aan IEC 60947-5-1 appendix C |
| elektrische betrouwbaarheid | $\Lambda < 10\text{exp}(-6)$ bij 5 V, 1 mA in propeere omgeving conform aan IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ bij 17 V, 5 mA in propeere omgeving conform aan IEC 60947-5-4 |
| product presentatie | Basis sub-eenheden |

Omgeving

| | |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| beschermende behandeling | TH |
| ambient air temperature for storage | -40...70 °C |
| ambient air temperature for operation | -40...70 °C |
| IP beschermingsgraad | IP20 conform aan IEC 60529 |
| standards | IEC 60947-5-4 UL 508 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-1 CSA C22.2 Nr 14 JIS C8201-1 |
| product certifications | BV UL CSA DNV LROS (Lloyds register of shipping) |
| 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 | 4,500 cm |
| Package 1 Width | 3,400 cm |
| Package 1 Length | 5,400 cm |
| Package 1 Weight | 29,000 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 4,500 cm |
| Package 2 Width | 3,400 cm |
| Package 2 Length | 26,500 cm |

| | |
|------------------------------|-----------|
| Package 2 Weight | 146,000 g |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 300 |
| Package 3 Height | 30,000 cm |
| Package 3 Width | 30,000 cm |
| Package 3 Length | 40,000 cm |
| Package 3 Weight | 9,240 kg |

contractuele waarborg

| | |
|----------|-----------|
| Garantie | 18 months |
|----------|-----------|

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?](#) >

Milieuoetafdruk

Totale levenscyclus ecologische voetafdruk 1

Milieuprofiel van product (PEP) [Milieuprofiel van het product](#)

Use Better

Materialen en verpakking

Pakket met gerecycleerd karton Ja

Verpakkingen zonder kunststof Ja

[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](#)

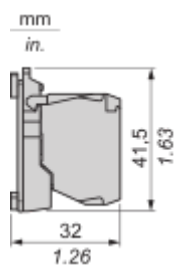
Terugname No

WEEE Label

 Het product moet op markten van de Europese Unie worden afgevoerd volgens specifieke afvalinzamelingsregels en mag nooit in een gewone vuilnisbak terechtkomen.

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 ($\text{Ø}22.3 \text{ }_0^{+0.4}$) / 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 |

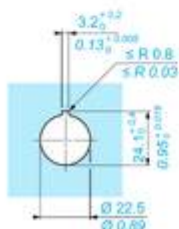
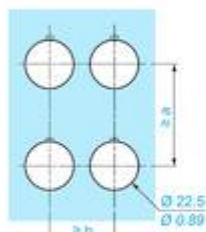
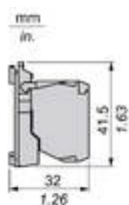
Detail of Lug Recess



- (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 ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)

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

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

Offer Marketing Illustration

Product benefits / Features

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

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



The infographic features a central image of a Schneider XB5 terminal block. Surrounding it are 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** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a terminal)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)
- Large set of accessories to customize your panels** (Icon: gear with a pencil)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)

Image of product / Alternate images

Alternative



