



flush mounted black selector switch  
head 3 pos return right to center cp  
grey

ZB5FD8C0

EAN Code: 3606489772208

Prijs: 14,35 EUR

## Hoofd

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| range of product                    | Harmony XB5                            |
| product or component type           | Kop voor keuzeschakelaar               |
| device short name                   | ZB5                                    |
| kraag materiaal                     | Kunststof gekleurd grijs               |
| bevestigingsdiameter                | 30,5 mm                                |
| koptype                             | Built-in-flush                         |
| verkoop per ondeelbare hoeveelheid  | 1                                      |
| vorm van kop<br>signaleringseenheid | Rond                                   |
| type operator                       | Van rechts naar het midden terugverend |
| operator profiel                    | Zwart standaard hendel                 |
| informatie positie operator         | 3 standen +/- 45°                      |

## Complementair

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD totale breedte             | 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CAD totale hoogte              | 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CAD totale diepte              | 46 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| net weight                     | 0,031 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| mechanical durability          | 1000000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| elektrische samenstellingscode | C3 voor <6 contacten met enkelvoudig blokken in vooraan gemonteerd<br>C4 voor <6 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C5 voor <5 contacten met enkelvoudig blokken in vooraan gemonteerd<br>C6 voor <5 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C7 voor <4 contacten met enkelvoudig blokken in vooraan gemonteerd<br>C8 voor <4 contacten met enkelvoudig en dubbel blokken in vooraan gemonteerd<br>C11 voor <3 contacten met enkelvoudig blokken in vooraan gemonteerd<br>SF1 voor <3 contacten met enkelvoudig blokken in vooraan gemonteerd |
| product presentatie            | Basisonderdeel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Omgeving

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| beschermende behandeling                 | TH                                |
| ambient air temperature for<br>storage   | -40...70 °C                       |
| ambient air temperature for<br>operation | -40...70 °C                       |
| overvoltage category                     | Klasse II conforming to 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         | IP66 conform aan IEC 60529<br>IP67 conform aan IEC 60529                                                                                                             |
| NEMA beschermingsgraad       | NEMA 13<br>NEMA 4X                                                                                                                                                   |
| weerstand hoge druk drukring | 7000000 Pa bij 55 °C, afstand: 0.1 m                                                                                                                                 |
| IK-beschermingsgraad         | IK03 conforming to IEC 50102                                                                                                                                         |
| standards                    | IEC 60947-5-4<br>IEC 60947-5-1<br>JIS C8201-5-1<br>CSA C22.2 Nr 14<br>UL 508<br>IEC 60947-1<br>JIS C8201-1                                                           |
| product certifications       | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>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<br>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             | 5,45 cm |
| Package 1 Width              | 4,3 cm  |
| Package 1 Length             | 5,2 cm  |
| Package 1 Weight             | 22,0 g  |

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?](#) >

### Use Better

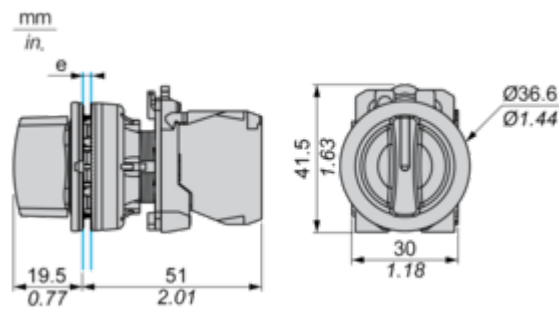
|  Materialen en verpakking |                                                                          |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Pakket met gerecycleerd karton                                                                             | Nee                                                                      |
| Verpakkingen zonder kunststof                                                                              | Nee                                                                      |
| <a href="#">EU-richtlijn RoHS</a>                                                                          | Voldoet pro-actief (Product valt niet onder de EU RoHS juridische scope) |
| REACH-regelgeving                                                                                          | <a href="#">REACH-verklaring</a>                                         |

### Use Again

|  Herverpakken en herfabriceren |    |
|-----------------------------------------------------------------------------------------------------------------|----|
| Terugname                                                                                                       | No |

Dimensions Drawings

Dimensions



e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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



- (1) Diameter on finished panel or support
- (2) Ø30.75 mm recommended ( $\text{Ø}30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in. } \begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 40      | 1.57     |
| By Faston connectors                          | 45      | 1.77     | 40      | 1.57     |

Technical Description

Electrical Composition Corresponding to Code C3

---



Electrical Composition Corresponding to Code C4

---



Electrical Composition Corresponding to Code C5

---



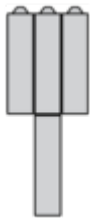
Electrical Composition Corresponding to Code C6

---



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

---

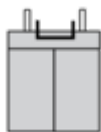
1 N/O



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 2-position Selector Switch Body

Position 315°



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

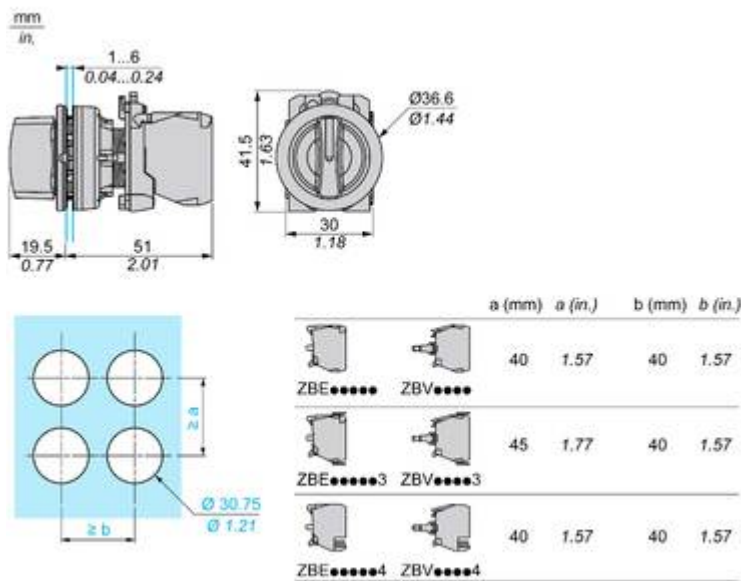
Position 45°



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

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

---

### Features

Harmony XB4/XB5  
Flush mounting solution



Innovative and attractive design improving the look and feel of control panels and machines



Quick and easy installation into a standard 30mm hole



Easier to clean with towels than standard offers



Robustness to withstand harsh environments



Available for pushbuttons, illuminated pushbuttons, pilot lights and selector switches



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

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

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

### 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

---







Image of product in real life situation

