

# Produktdatablad

Specifikationer



## Harmony nødstopshoved i metal med Ø30 mm paddehoved i rød farve og træk for at frigøre

El-nr.:  
7517909927

ZB4BT844

EAN-nr: 3389119048040

### Egenskaber

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Produktserie                    | Harmony XB4                          |
| Produkttype                     | Hoved til nødstop                    |
| Enhedsforkortelse               | ZB4                                  |
| Materiale og farve på frontring | Forkromet metal                      |
| Montagediameter                 | 22 mm                                |
| Mindst mulige salgsantal        | 1                                    |
| Form på hoved                   | Rundt                                |
| Betjeningsprofil                | aktivering med mekanisk låsning      |
| Nulstil                         | Tryk-træk                            |
| Betjeningsprofil                | Rød Paddetryk Ø 30 mm, Uden mærkning |
| Hovedtype                       | Standard                             |

### Produktinformationer

|   |  |
|---|--|
| Bredde                                      | 30 mm  |
| Højde                                       | 30 mm  |
| Dybde                                       | 56 mm  |
| Vægt  | 0,078 kg   |
| Modstandsdygtighed overfor højtryksrensning | 7000000 Pa ved 55 °C, distance : 0.1 m   |
| Mekanisk holdbarhed                         | 300000 kredsløb  |
| Kode for elektrisk sammensætning            | C7 til <4 kontakter benytter enkelt blokke i Montering forfra<br>C8 til <4 kontakter benytter enkelt og dobbelt blokke i Montering forfra<br>C11 til <3 kontakter benytter enkelt blokke i Montering forfra<br>C15 til <1 kontakter benytter enkelt blokke i Montering forfra<br>C10 til <4 kontakter benytter enkelt og dobbelt blokke i Montering forfra |
| Konstruktion                                | Som løsdele  |

### Miljø

|                                     |   |
|-------------------------------------|---|
| Beskyttelsesbehandling              | TH  |
| Omgivelsestemperatur ved opbevaring | -40...70 °C   |
| Omgivelsestemperatur under drift    | -40...70 °C   |
| Beskyttelsesklasse                  | Klasse I i henhold til IEC 61140                      |
| IP kapslingsklasse                  | IP66 i henhold til IEC 60529<br>IP67<br>IP69<br>IP69K |

|  |  |
|--|--|
| <b>NEMA kapslingsklasse</b>            | NEMA 13<br>NEMA 4X<br>Nema 4<br>NEMA 12  |
| <b>IP kapslingsklasse</b>              | IK06 conforming to IEC 50102   |
| <b>Standarder</b>                      | GB 14048.5<br>UL 508<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>IEC 60947-1<br>ISO 13850<br>IEC 60947-5-5<br>IEC 60364-5-53<br>JIS C8201-5-1<br>IEC 60947-5-4<br>JIS C8201-1                         |
| <b>Produktcertificeringer</b>          | DNV<br>UL listet<br>LROS (Lloyds register of shipping)<br>BV<br>CSA  |
| <b>Vibrationsmodstand</b>              | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6   |
| <b>Modstandsdygtighed overfor stød</b> | 30 gn (varighed = 18 milisekund) til Halv sinusbølge acceleration i henhold til IEC 60068-2-27<br>50 gn (varighed = 11 milisekund) til Halv sinusbølge acceleration i henhold til IEC 60068-2-27 |

## Forpakkingsinformation

|                                |           |
|--------------------------------|-----------|
| <b>Enhedstype af pakke 1</b>   | PCE       |
| <b>Antal enheder i pakke 1</b> | 1         |
| <b>Pakke 1 Højde</b>           | 9,000 cm  |
| <b>Pakke 1 Længde</b>          | 5,500 cm  |
| <b>Package 1 Length</b>        | 4,400 cm  |
| <b>Pakke 1 Vægt</b>            | 73,000 g  |
| <b>Enhedstype af pakke 2</b>   | S02       |
| <b>Antal enheder i pakke 2</b> | 42        |
| <b>Pakke 2 Højde</b>           | 15,000 cm |
| <b>Pakke 2 Bredde</b>          | 30,000 cm |
| <b>Pakke 2 Længde</b>          | 40,000 cm |
| <b>Pakke 2 Vægt</b>            | 3,370 kg  |

## Logistik informationer

|                        |    |
|------------------------|----|
| <b>Oprindelsesland</b> | CZ |
|------------------------|----|

## Garanti

|                |           |
|----------------|-----------|
| <b>Garanti</b> | 18 months |
|----------------|-----------|

## Environmental Data

Schneider Electric's mål er at opnå Net Zero-status i 2050 gennem partnerskaber med forsyningskæden, materialer med lavere påvirkning og cirkularitet via vores igangværende kampagne "Use Better, Use Longer, Use Again" for at forlænge produkternes levetid og genbrugelighed.

[Forklaring af Environmental Data >](#)

[Sådan vurderer vi produktets bæredygtighed >](#)

### Miljøfodaftryk

CO2-belastning (kg CO2 eq.) 1

Miljøoplysning [Miljøprofil for produkt](#)

### Use Better

#### Materialer og emballage

Pakke med genbrugspap Yes

Emballage uden plast Yes

[EU RoHS-direktivet](#)

Proaktiv overensstemmelse (produkt ikke omfattet af EU RoHS)

Reach-forordning

[REACH-erklæring](#)

### Use Again

#### Ompakning og genfremstilling

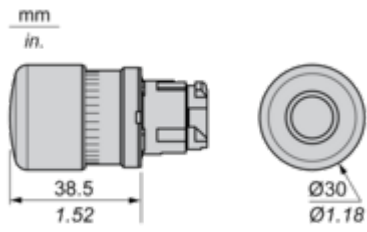
Cirkularitetsprofil [Oplysninger om udtjent udstyr](#)

Returnering No

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   | Connection by Faston Connectors  |
|---|--|
|    |  |
| <p>(1) Diameter on finished panel or support<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in.}</math> recommended (<math>\varnothing 22.3 \text{ mm} \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix} / 0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}</math>)<br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (6) 32 mm min. / 1.26 in. min.</p> |  |

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

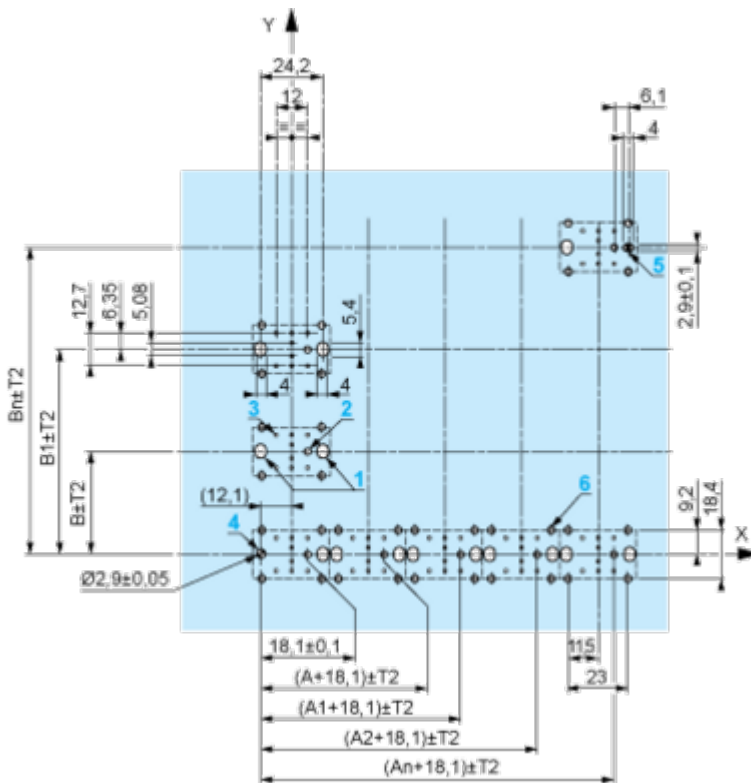


A: 30 mm min. / 1.18 in. min.

B: 40 mm min. / 1.57 in. min.

Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)

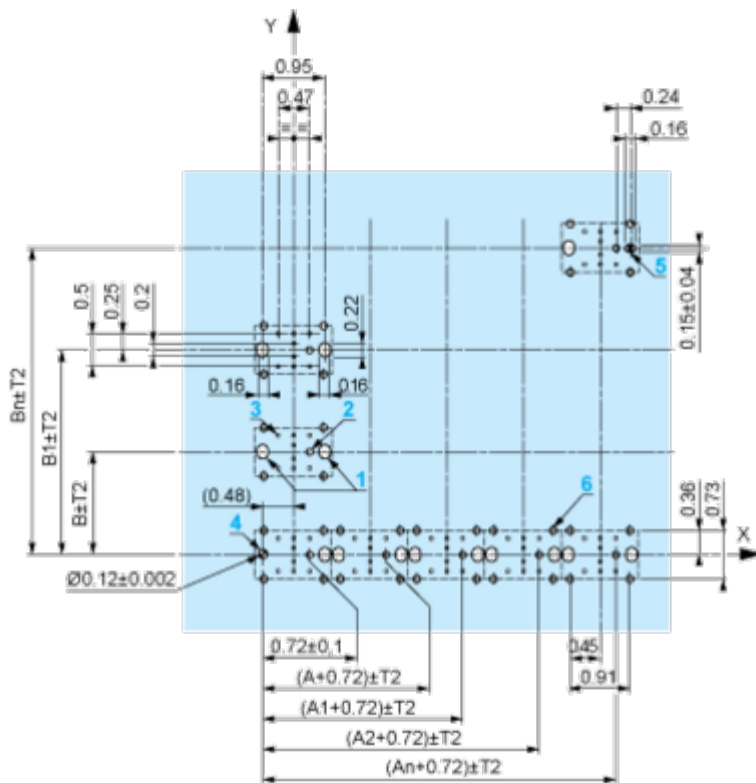
Dimensions in mm



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 ZB4 BZ009: ± 2° 30' (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ 006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB4 BZ079 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 (ZB4 BD\*, ZB4 BJ\*, ZB4 BG\*).

The fixing centers marked a and b are diagonally opposed and must align with those marked 4 and 5.



(1) Panel

(2) Printed circuit board

**Mounting of Adapter (Socket) ZBZ 01•**

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 for centring adapter ZBZ 01•
- 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 ZBZ 01•

Dimensions An + 18.1 relate to the  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 holes for centring adapter ZBZ 01•.

Technical Description

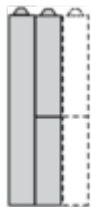
Electrical Composition Corresponding to Code C7

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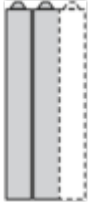
Electrical Compositions Corresponding to Code C8

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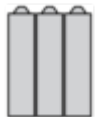


Electrical Compositions Corresponding to Code C10

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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

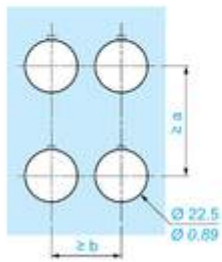
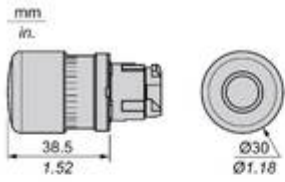


Possible location



Technical Illustration

Dimensions



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

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony XB4 e-stop function

Fit to several customer functions needs: turn to release, push to release, key release

Guarantee of proper installation thanks to NC contact with monitoring function.



Fit for all machine sizes and environments:

- Small machines > 30 mm
- Standard machines > 40 mm
- Use of gloves > 60 mm

Designed as per international standards for high performance.

Offer Marketing Illustration

Product benefits / Features

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**Features**  
Harmony XB4 e-stop function

**Wide modular range** to suit machines and operator safety.

**Ergonomic design** for emergency actuation in several environments

Designed to fit in a standard 22mm cut-out or Harmony XAPK control station ensuring compatibility with pre-existing machinery.

Large set of accessories: circular legends, illuminated legend rings, protective bellows for harsh environments and protective guards.

The infographic features a central image of a Schneider Electric e-stop button with a red circular legend. The background is green, and the text is white. The icons are: crossed wrench and screwdriver, a hand holding a button, a square cut-out, and a bellows.

Image of product / Alternate images

Alternative

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