

# Produktdatablad

Spesifikasjoner



## Dobbel trykknapphode i metall for LED med en sort og hvit trykflate

EI-nummer:  
4301428

ZB4BW7A1720

EAN: 3389119043724

## Produktdata

Produktspekter	Harmony XB4
Produkt eller type komponent	Hode for dobbelhodet trykknapp med lys
Produktkompatibilitet	Innebygget LED
Kortnavn på utstyr	ZB4
Innfatningsmateriale	Forkrommet metall
Hode type	Standard
Montasjediameter	22 mm
Salg per udelelig kvantitet	1
Formen på varslingsenhets hode	Rektangulær
Type arm/stempel	fjærretur
knappens profil	2 flate trykknapper - signallampe
knappens beskrivelse	Hvit umerket - sort umerket

## Teknisk data

Bredde	30 mm
Høyde	50 mm
Dybde	30 mm
Vekt	0,056 kg
resistens til høytrykksvask	7000000 Pa på 55 °C, distanse : 0.1 m
farge på merking	Sort merking ved hvite hetter Hvit merking når grønn, rød eller sort kalott
operatørprofil	Sort innfelt, umerket Hvit innfelt, umerket
Mekanisk levetid	1000000 sykluser
elektrisk sammensetningskode	M1 for <6 kontakter bruker Enkel blokker i frontmontering med innebygget LED M2 for <6 kontakter bruker enkel og dobbel blokker i frontmontering med innebygget LED M6 for <2 kontakter bruker Enkel blokker i frontmontering med integrert LED og transformator M10 for <2 kontakter bruker Enkel blokker i frontmontering med innebygget LED
Enhetens utseende	Basic sub-assemblies

## Miljø

Overflatebeskyttelse	TH
Omgivelsestemperatur for lagring	-40...70 °C

<b>Omgivelsestemperatur drift</b>	-40...70 °C
<b>beskyttelsesgrad mot elektrisk støt</b>	Klasse I conforming to IEC 61140
<b>IP-grad</b>	IP66 i samsvar med IEC 60529 IP67 i samsvar med IEC 60529 IP69 IP69K
<b>NEMA beskyttelsesgrad</b>	NEMA 13 NEMA 4X
<b>Ik beskyttelsesklasse</b>	IK06 i samsvar med IEC 50102
<b>Standarder</b>	IEC 60947-5-4 IEC 60947-5-5 IEC 60947-1 UL 508 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-1 JIS C8201-1
<b>Produktsertifikater</b>	CSA LROS (Lloyds register of shipping) BV UL listet DNV
<b>Vibrasjonsmotstand</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>støtmotstand</b>	30 gn (varighet = 18 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27 50 gn (varighet = 11 ms) for halvsinusurve akselerasjon i samsvar med IEC 60068-2-27

## Forpakkingsinformasjon

<b>Enhetsstype pakke 1</b>	PCE
<b>Antall enheter i pakke 1</b>	1
<b>Pakke 1 Høyde</b>	5,2 cm
<b>Pakke 1 Bredde</b>	4,0 cm
<b>Pakke 1 Vekt</b>	3,2 cm
<b>Package 1 Weight</b>	54,0 g
<b>Enhetsstype pakke 2</b>	BB1
<b>Antall enheter i pakke 2</b>	5
<b>Pakke 2 Høyde</b>	5,5 cm
<b>Pakke 2 Bredde</b>	26,5 cm
<b>Pakke 2 Lengde</b>	3,3 cm
<b>Pakke 2 Vekt</b>	285,0 g
<b>Enhetsstype pakke 3</b>	S02
<b>Antall enheter i pakke 3</b>	50
<b>Pakke 3 Høyde</b>	15,0 cm
<b>Pakke 3 Bredde</b>	30,0 cm
<b>Pakke 3 Lengde</b>	40,0 cm
<b>Pakke 3 Vekt</b>	3,182 kg

## Logistikkinformasjon

<b>Opprinnelsesland</b>	FR
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# Garantiperiode

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Garanti

18 months

## Environmental Data

Schneider Electric tar sikte på å oppnå Net Zero-status innen 2050 gjennom partnerskap med leverandørkjeden, materialer med lavere slagkraft og sirkularitet via vår pågående "Use Better, Use Longer, Use Again"-kampanje for å forlenge produktlevetiden og resirkulerbarheten.

[Environmental Data forklart >](#)

[Hvordan vi vurderer produktets bærekraft >](#)

### Miljøfotavtrykk

Samlet klimagassutslipp gjennom livsløpet 1

PEP (Product Environmental Profile) [Produktmiljøprofil](#)

### Use Better

#### Materialer og emballasje

Emballasje med resirkulert papp Ja

Emballasje uten plast Ja

[EU RoHS-direktiv](#)

Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)

### Use Again

#### Ompakking og reproduksjon

Produktets livssyklus [Informasjon om levetidsslutt](#)

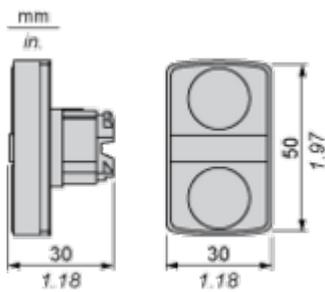
Tilbaketakning No

Dimensions Drawings

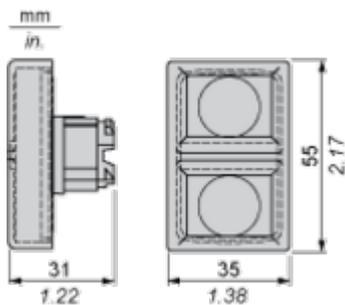
Dimensions

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Without Boot

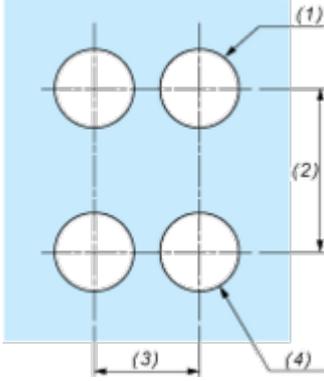
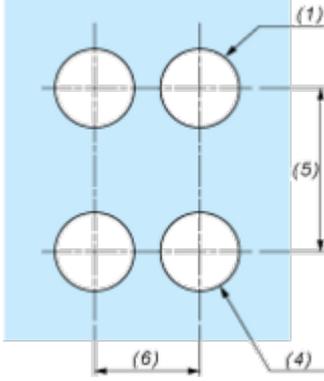


With Boot ZBA708

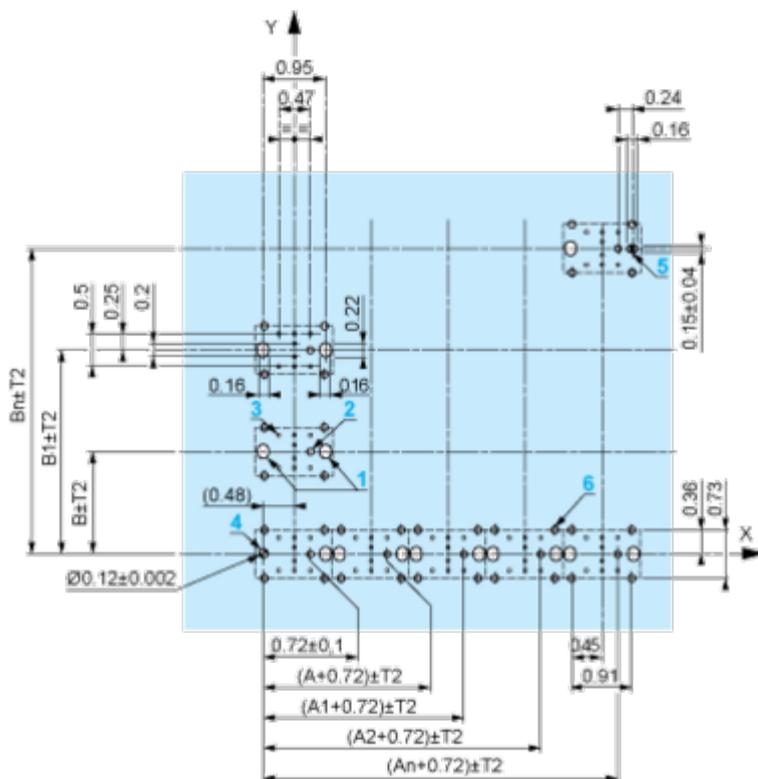


Mounting and Clearance

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                  (2) 40 mm min. / 1.57 in. min.                  (3) 30 mm min. / 1.18 in. min.                  (4) <math>\varnothing 22.5 \text{ mm} / 0.89 \text{ in.}</math> recommended (<math>\varnothing 22.3 \text{ mm}_0^{+0.4} / 0.88 \text{ in.}_0^{+0.016}</math>)                  (5) 45 mm min. / 1.78 in. min.                  (6) 32 mm min. / 1.26 in. min.</p>	





A: 1.18 in. min.

B: 1.57 in. min.

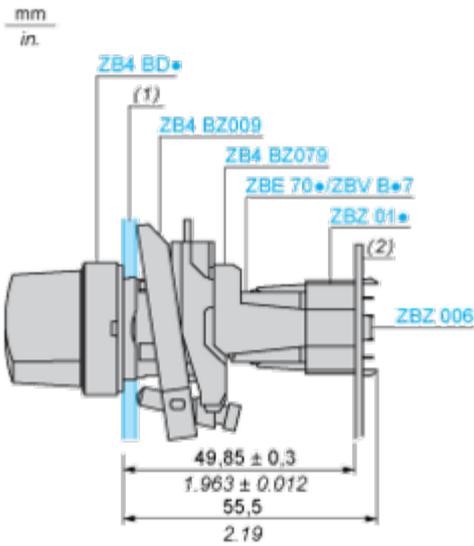
**General Tolerances of the Panel and Printed Circuit Board**

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•**

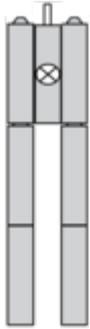
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing$  2.4 mm  $\pm$  0.05 / 0.09 in.  $\pm$  0.002 for centring adapter ZBZ 01•
- 3 8  $\times$   $\varnothing$  1.2 mm / 0.05 in. holes
- 4 1 hole  $\varnothing$  2.9 mm  $\pm$  0.05 / 0.11 in.  $\pm$  0.002, for aligning the printed 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

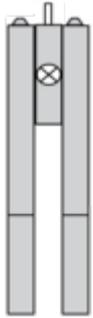
Electrical Composition Corresponding to Codes M1 and M7

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Electrical Composition Corresponding to Codes M2 and M8

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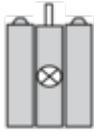


Electrical Composition Corresponding to Codes M6 and P2

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Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2



**Legend**

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Single contact



Double contact



Light block

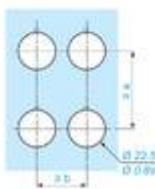
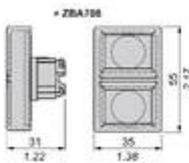
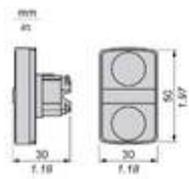


Possible location



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*****1 ZBV*****1				
	50	1.97	30	1.18
ZBE*****5 ZBV*****5				
	40	1.57	30	1.18
ZBE*****9 ZBV*****9				
ZBE1* ZBRV1				

Offer Marketing Illustration

Product benefits / Features

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The graphic features a green background with the title "Features" and subtitle "Harmony XB4/XB5 Illuminated functions". It contains four feature descriptions, each with an icon and a corresponding image of the product:

- NEW universal LED Block for all colors:** Represented by a square icon with a smaller square inside. The image shows a green illuminated button.
- Simple stock management:** Represented by a person icon. The image shows a red illuminated button.
- Improved installation time and easy selection:** Represented by a circular arrow icon. The image shows a yellow illuminated button.
- Improved color intensity and brightness:** Represented by a sun icon. The image shows a black illuminated button.

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony XB4

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

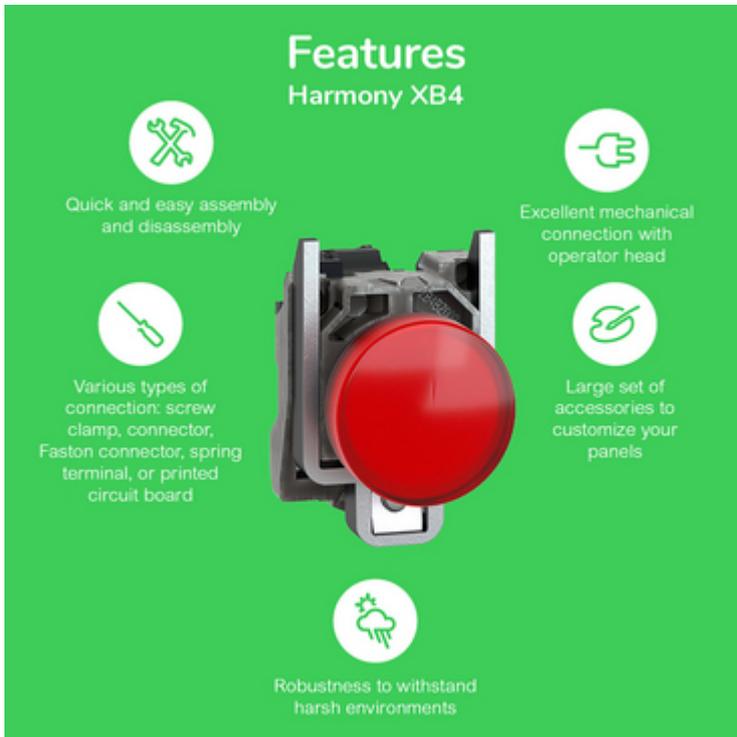
Shock protection level up to IK06

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 red Schneider XB4 circuit breaker. 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 XB4

- Quick and easy assembly and disassembly** (Icon: crossed wrench and screwdriver)
- Excellent mechanical connection with operator head** (Icon: hand holding a plug)
- Large set of accessories to customize your panels** (Icon: plug with a slash through it)
- Robustness to withstand harsh environments** (Icon: lightning bolt and rain cloud)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)

Image of product / Alternate images

Alternative

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