

# Produktdatablad

Spesifikasjoner



## Venderhode i metall for LED med 3 posisjoner med fjærretur til midt og grep i hvit farge

El-nummer:  
4302533

ZB4BK1513

**Viktig melding: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks**  
EAN: 3389110890877

## Produktdata

Produktspekter	Harmony XB4
Produkt eller type komponent	Hode for lysvendere
Produktkompatibilitet	Universal LED
Kortnavn på utstyr	ZB4
Innfatningsmateriale	Forkrommet metall
Hode type	Standard
Montasjediameter	22,5 mm
Salg per udelelig kvantitet	1
Formen på varslingsenhetens hode	Rund
Type arm/stempel	Til senter fjærretur
operatørprofil	Hvit standard grep
informasjon om knappens stilling	3 posisjoner +/- 45°
Hette eller dekselfarge	Hvit

## Teknisk data

Bredde	29 mm
Høyde	29 mm
Dybde	43 mm
Vekt	0,036 kg
resistens til høytrykksvask	7000000 Pa på 55 °C, distanse : 0.1 m
Mekanisk levetid	500000 sykluser
elektrisk sammensetningskode	M3 for <4 kontakter bruker Enkel 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 M4 for <4 kontakter bruker enkel og dobbel blokker i frontmontering med innebygget LED
Enhetens utseende	Basic element

## Miljø

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

<b>Omgivelsestemperatur drift</b>	-40...70 °C
<b>Overspenningskategori</b>	Klasse I conforming to IEC 60536
<b>IP-grad</b>	IP66 i samsvar med IEC 60529 IP67 IP69 IP69K
<b>NEMA beskyttelsesgrad</b>	NEMA 13 NEMA 4X
<b>IK beskyttelsesklasse</b>	IK04 i samsvar med IEC 50102
<b>Standarder</b>	JIS C8201-5-1 UL 508 IEC 60947-5-1 IEC 60947-1 IEC 60947-5-5 IEC 60947-5-4 CSA C22.2 No 14 JIS C8201-1
<b>Produktsertifikater</b>	BV CSA DNV LROS (Lloyds register of shipping) UL listet
<b>Vibrasjonsmotstand</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>støtmotstand</b>	30 gn (varighet = 18 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27 50 gn (varighet = 11 ms) for halvsinuskurve 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>	3,500 cm
<b>Pakke 1 Bredde</b>	5,400 cm
<b>Pakke 1 Vekt</b>	5,500 cm
<b>Package 1 Weight</b>	40,000 g
<b>Enhetsstype pakke 2</b>	S02
<b>Antall enheter i pakke 2</b>	100
<b>Pakke 2 Høyde</b>	15,000 cm
<b>Pakke 2 Bredde</b>	30,000 cm
<b>Pakke 2 Lengde</b>	40,000 cm
<b>Pakke 2 Vekt</b>	4,359 kg

## Logistikkinformasjon

<b>Opprinnelsesland</b>	FR
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## Garantiperiode

<b>Garanti</b>	18 months
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## 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 Nei

Emballasje uten plast Nei

[EU RoHS-direktiv](#) Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)

REACH-regelverk [REACH-erklæring](#)

### Use Again

#### Ompakking og reproduksjon

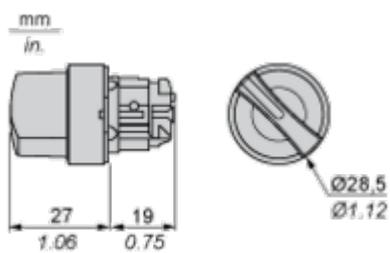
Produktets livssyklus [Informasjon om levetidsslutt](#)

Tilbaketakning No

Dimensions Drawings

Dimensions

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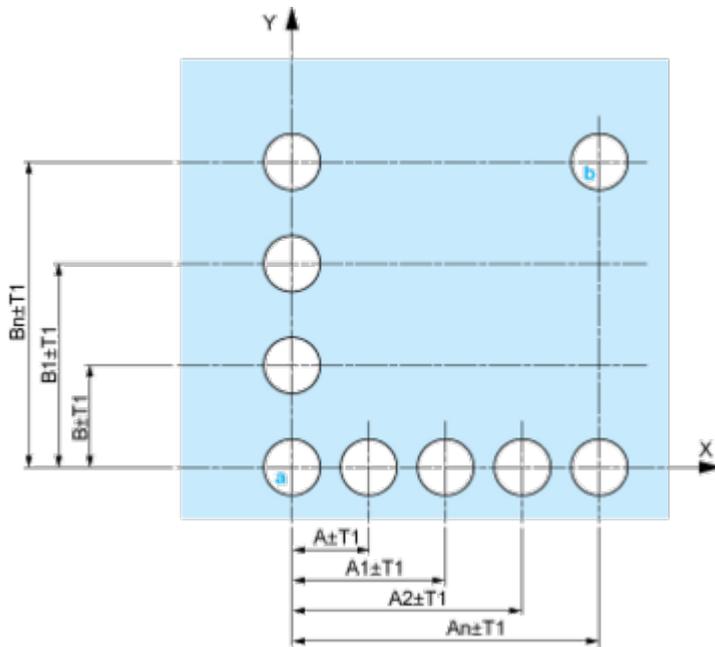
Mounting and Clearance

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

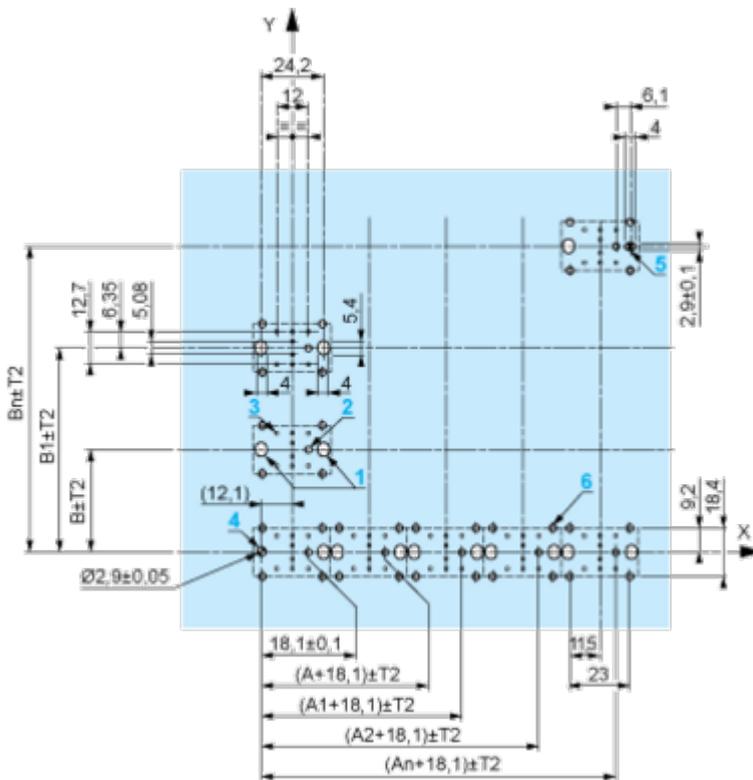


A: 30 mm min. / 1.18 in. min.

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

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

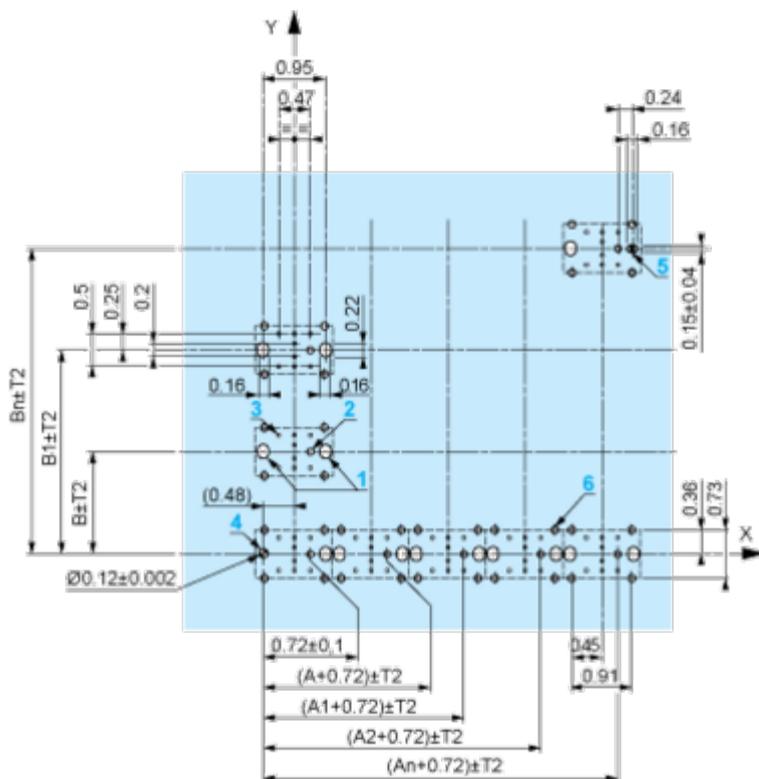
Dimensions in mm



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•

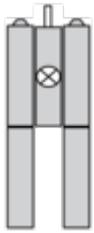
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ 01•
- 3  $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$  holes
- 4 1 hole  $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$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

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

Technical Description

Electrical Composition Corresponding to Code M3

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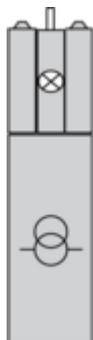
Electrical Composition Corresponding to Code M4

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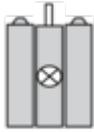


Electrical Composition Corresponding to Codes M6 and P2

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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



Sequence of Contacts Fitted to 3-position Selector Switch Body

Position 315°



Push	Position	Top			
		Bottom			
	Location		Left		Right
	State		1		0
Contacts	N/O		closed		open
	N/C		open		closed

Position 0°



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

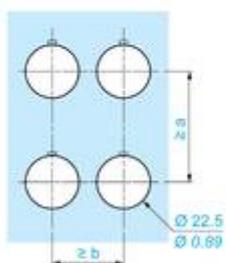
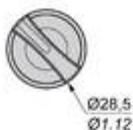
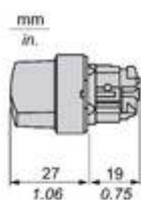
Position 45°



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

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				

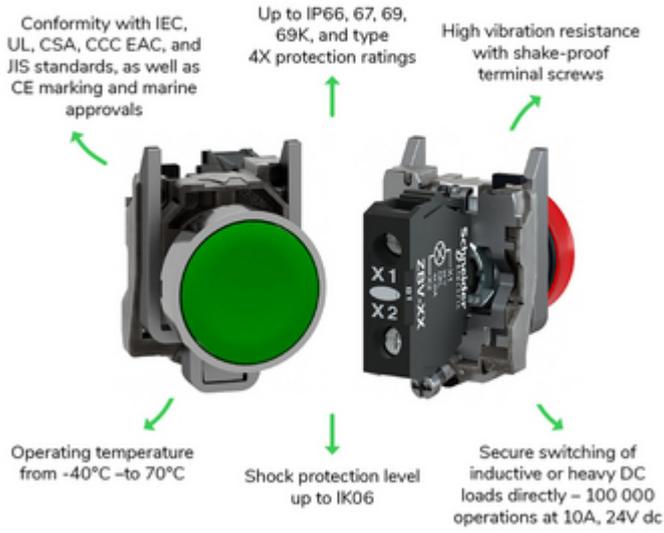
Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

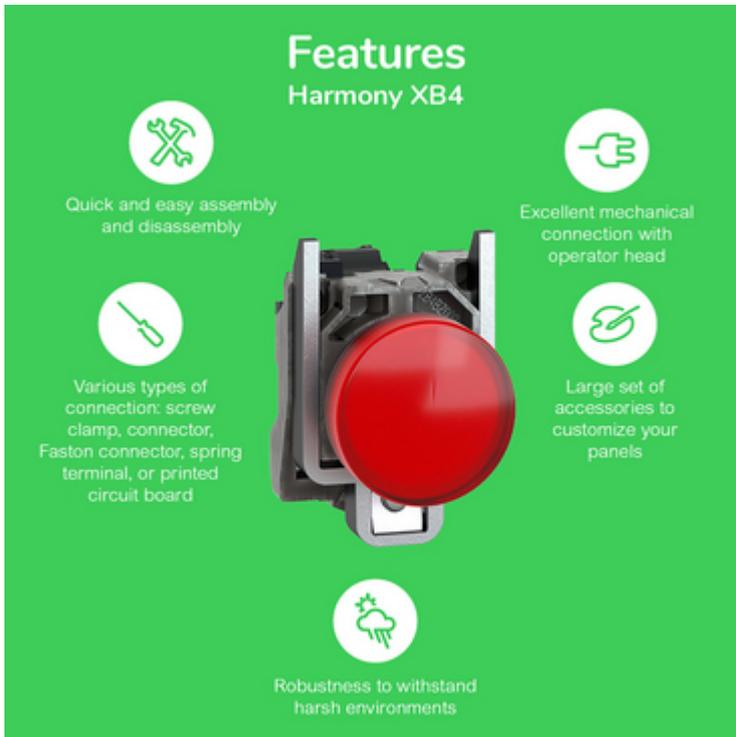
### Harmony XB4



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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