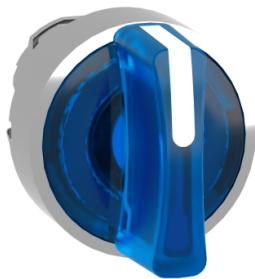


# Productinformatieblad

Specificaties



## Kop voor verlichte keuzeschakelaar, 3 standen, Ø22mm, Blauw

ZB4BK1363

**Belangrijk bericht:** 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 Code: 3389110890860

**Prijs: 26,20 EUR**

### Hoofd

range of product	Harmony XB4
product of component type	Kop voor verlichte keuzeschakelaar
compatibiliteit product	Universele LED
device short name	ZB4
kraag materiaal	Verchroomd metaal
koptype	Standaard
bevestigingsdiameter	22 mm
verkoop per ondeelbare hoeveelheid	1
vorm van kop signaleringseenheid	Rond
type operator	blijven
profiel operator	Blauw standaard hendel
informatie positie operator	3 standen +/- 45°

### Complementair

CAD totale breedte	29 mm
CAD totale hoogte	29 mm
CAD totale diepte	43 mm
gewicht product	0,036 kg
weerstand hoge druk drukring	7000000 Pa om 55 °C, afstand: 0.1 m
mechanical durability	500000 cycles
elektrische samenstellingscode	M3 voor <4 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met integrale LED M6 voor <2 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met ingebouwde LED en transformator M10 voor <2 contacten gebruik enkelvoudig blokken in vooraan gemonteerd met integrale LED M4 voor <4 contacten gebruik enkelvoudig en dubbel blokken in vooraan gemonteerd met integrale LED
product presentatie	Basisonderdeel

### Omgeving

beschermende behandeling	TH
ambient air temperature for storage	-40...70 °C

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

<b>omgevingstemperatuur voor werking</b>	-40...70 °C
<b>overvoltage category</b>	Klasse I In overeenstemming met IEC 60536
<b>IP beschermingsgraad</b>	IP66 In overeenstemming met IEC 60529 IP67 IP69 IP69K
<b>Enclosure Type</b>	UL type 4X/13
<b>IK-beschermingsgraad</b>	IK04 In overeenstemming met IEC 50102
<b>standards</b>	JIS C8201-5-1 IEC 60947-5-4 UL 508 IEC 60947-5-5 CSA C22.2 Nr 14 IEC 60947-5-1 IEC 60947-1 JIS C8201-1
<b>product certifications</b>	CSA DNV BV LROS (Lloyds register of shipping) UL listed
<b>trilling bestendigheid</b>	5 gn (f= 2...500 Hz) In overeenstemming met IEC 60068-2-6
<b>schokbestendigheid</b>	30 gn (duur = 18 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling In overeenstemming met IEC 60068-2-27

## Verpakkingseenheid

<b>Eenheidstype van verpakking 1</b>	PCE
<b>Aantal eenheden in verpakking 1</b>	1
<b>verpakking 1 hoogte</b>	3,500 cm
<b>verpakking 1 breedte</b>	5,300 cm
<b>verpakking 1 lengte</b>	5,300 cm
<b>verpakking_1_gewicht</b>	40,000 g
<b>Eenheidstype van verpakking 2</b>	S03
<b>Aantal eenheden in verpakking 2</b>	250
<b>verpakking 2 hoogte</b>	30,000 cm
<b>verpakking 2 breedte</b>	30,000 cm
<b>verpakking 2 lengte</b>	40,000 cm
<b>verpakking 2 gewicht</b>	10,832 kg

## contractuele waarborg

<b>Garantie (in maanden)</b>	18
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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	0.4 kg CO2 eq.
Koolstofvoetafdruk van de fabricagefase [A1–A3]	0.3 kg CO2 eq.
Koolstofvoetafdruk van de distributiefase [A4]	0 kg CO2 eq.
Koolstofvoetafdruk van de installatiefase [A5]	0 kg CO2 eq.
Koolstofvoetafdruk van de gebruiksfase [B2, B3, B4, B6]	0 kg CO2 eq.
Koolstofvoetafdruk van de einde-levensfase [C1–C4]	0.1 kg CO2 eq.
Milieu Profiel	<a href="#">Milieuprofiel van het product</a>

### Use Better

#### Materialen en verpakking

Pakket met gerecycleerd karton	Nee
Verpakkingen zonder kunststof	Nee
RoHS-richtlijn van de EU	<a href="#">Conform</a>
REACH-verordening	<a href="#">Referentie bevat geen SVHC boven drempelwaarde</a>

### Use Longer

#### Levensduurverlenging

Reparatie	Nee
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### Use Again

#### Herverpakken en herfabriceren

Circulair Profiel	<a href="#">Informatie over einde levensduur</a>
Terugname	Ja

Dimensions Drawings

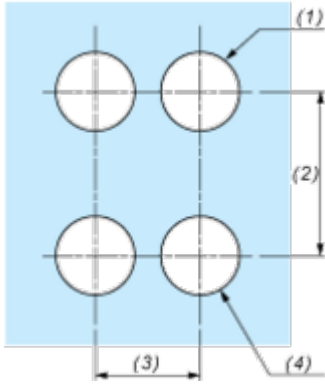
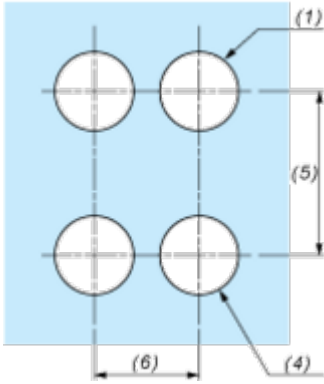
Dimensions

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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                  (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. recommended } (\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>	

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

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

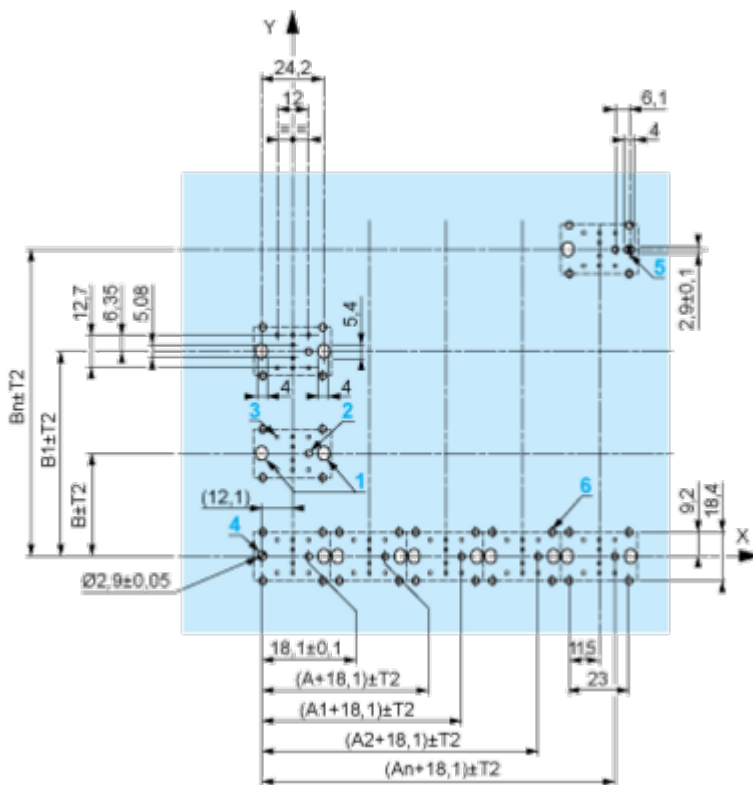


A: 30 mm min. / 1.18 in. min.

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•

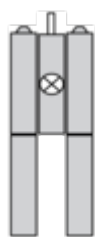
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ 01•
- 3  $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$  holes
- 4 1 hole  $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$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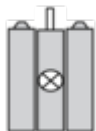


Electrical Composition Corresponding to Codes M6 and P2

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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	

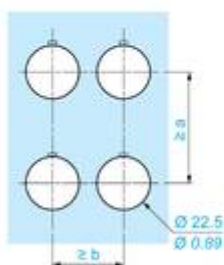
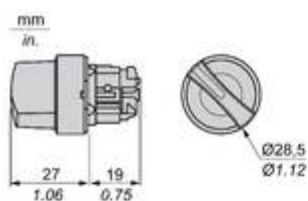
Position 45°



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

Technical Illustration

Dimensions

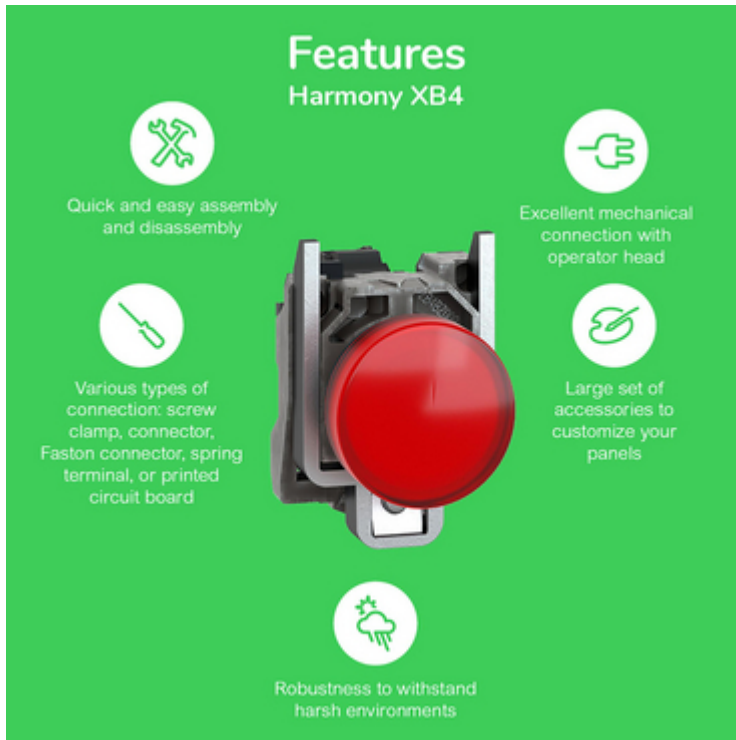


		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....9	ZBV.....9				
		40	1.57	30	1.18
ZBRT•	ZBRV1				

Offer Marketing Illustration






Product benefits / Features

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The infographic features a central image of a red Schneider XB4 terminal block. 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
-  Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board
-  Excellent mechanical connection with operator head
-  Large set of accessories to customize your panels
-  Robustness to withstand harsh environments

Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony XB4

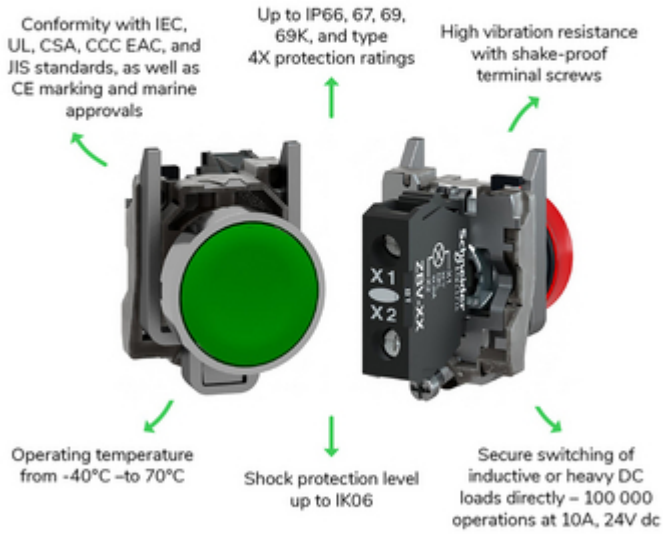


Image of product / Alternate images

Alternative

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