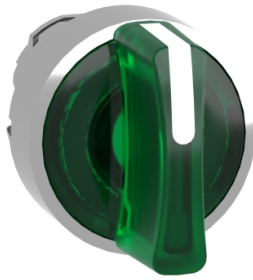


# Produktdatablad

Specifikationer



## Harmony drejeregreb i metal for LED med 3 faste positioner i grøn farve

El-nr.:

7517804158

ZB4BK1333

**Vigtig meddelelse: 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-nr: 3389110890723

### Egenskaber

Produktserie	Harmony XB4
Produkttype	Hoved til drejefafbryder med LED
Produktet passer med	Universal LED
Enhedsforkortelse	ZB4
Materiale og farve på frontring	Forkromet metal
Hovedtype	Standard
Montagediameter	22 mm
Mindst mulige salgsantal	1
Form på hoved	Rundt
Betjeningsprofil	faste positioner
Operatørprofil	Grøn Kort drejeregreb
Antal positioner	3 positioner +/- 45°

### Produktinformationer

Bredde	29 mm
Højde	29 mm
Dybde	43 mm
Vægt	0,036 kg
Modstandsdygtighed overfor højtryksrensning	7000000 Pa ved 55 °C, distance : 0.1 m
Mekanisk holdbarhed	500000 kredsløb
Kode for elektrisk sammensætning	M3 til <4 kontakter benytter enkelt blokke i Montering forfra med integreret LED M6 til <2 kontakter benytter enkelt blokke i Montering forfra med integreret LED og transformere M10 til <2 kontakter benytter enkelt blokke i Montering forfra med integreret LED M4 til <4 kontakter benytter enkelt og dobbelt blokke i Montering forfra med integreret LED
Konstruktion	Som løsdele

### Miljø

Beskyttelsesbehandling	TH
Omgivelsestemperatur ved opbevaring	-40...70 °C
Omgivelsestemperatur under drift	-40...70 °C
Overspændingskategori	Klasse I conforming to IEC 60536

<b>IP kapslingsklasse</b>	IP66 i henhold til IEC 60529 IP67 IP69 IP69K
<b>NEMA kapslingsklasse</b>	NEMA 13 NEMA 4X
<b>IP kapslingsklasse</b>	IK04 conforming to IEC 50102
<b>Standarder</b>	JIS C8201-5-1 IEC 60947-5-4 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-5 UL 508 IEC 60947-1 JIS C8201-1
<b>Produktcertificeringer</b>	CSA DNV BV LROS (Lloyds register of shipping) UL listet
<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 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>	3,600 cm
<b>Pakke 1 Længde</b>	5,300 cm
<b>Package 1 Length</b>	5,400 cm
<b>Pakke 1 Vægt</b>	40,000 g
<b>Enhedstype af pakke 2</b>	BB1
<b>Antal enheder i pakke 2</b>	5
<b>Pakke 2 Højde</b>	5,000 cm
<b>Pakke 2 Bredde</b>	3,300 cm
<b>Pakke 2 Længde</b>	26,500 cm
<b>Pakke 2 Vægt</b>	203,000 g
<b>Enhedstype af pakke 3</b>	S03
<b>Antal enheder i pakke 3</b>	250
<b>Pakke 3 Højde</b>	30,000 cm
<b>Pakke 3 Bredde</b>	30,000 cm
<b>Pakke 3 Længde</b>	40,000 cm
<b>Pakke 3 Vægt</b>	10,685 kg

## Logistik informationer

<b>Oprindelsesland</b>	FR
------------------------	----

## Garanti

---

Garanti

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 >](#)

### Miljøaftryk

CO2-belastning (kg CO2 eq.) 1

Miljøoplysning [Miljøprofil for produkt](#)

### Use Better

#### Materialer og emballage

Pakke med genbrugspap No

Emballage uden plast No

[EU RoHS-direktivet](#) Proaktiv overensstemmelse (produkt ikke omfattet af EU RoHS)

Reach-forordning [REACH-erklæring](#)

### Use Again

#### Ompakning og genfremstilling

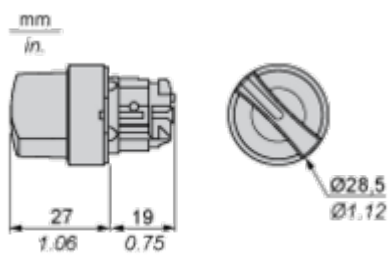
Cirkularitetsprofil [Oplysninger om udtjent udstyr](#)

Returnering No

Dimensions Drawings

Dimensions

---



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} \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix} / 0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}</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•

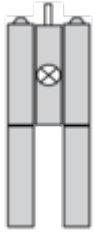
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ 01•
- 3  $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$  holes
- 4 1 hole  $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$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

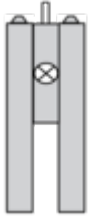
Electrical Composition Corresponding to Code M3

---



Electrical Composition Corresponding to Code M4

---

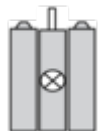


Electrical Composition Corresponding to Codes M6 and P2

---



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



**Legend**

---

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	

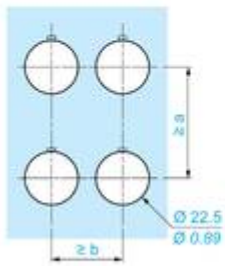
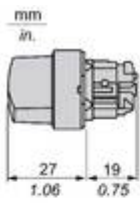
Position 45°



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				

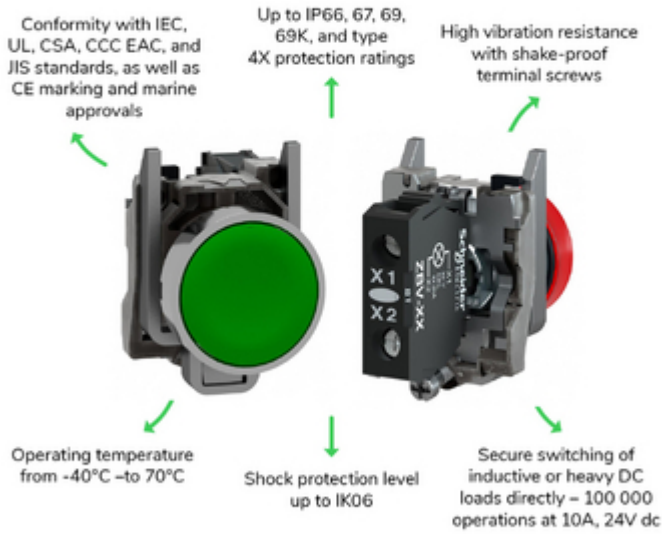
Offer Marketing Illustration

Product benefits / Features

---

## Technical Benefits

### Harmony XB4



Offer Marketing Illustration

Product benefits / Features

---

**Features**  
Harmony XB4

- 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
- Large set of accessories to customize your panels
- Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

---

