

Produktdatablad

Specifikationer



Harmony drejeregreb i metal for LED med 3 positioner og fjeder-retur til midt i hvid farve

El-nr.:
7517804242

ZB4BK1513

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: 3389110890877

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	22,5 mm
Mindst mulige salgsantal	1
Form på hoved	Rundt
Betjeningsprofil	Til midt fjeder-retur
Operatørprofil	Hvid Kort drejeregreb
Antal positioner	3 positioner +/- 45°
Farve på trykflade eller linse	Hvid

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
IP kapslingsklasse	IP66 i henhold til IEC 60529 IP67 IP69 IP69K
NEMA kapslingsklasse	NEMA 13 NEMA 4X
IP kapslingsklasse	IK04 conforming to IEC 50102
Standarder	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
Produktcertificeringer	BV CSA DNV LROS (Lloyds register of shipping) UL listet
Vibrationsmodstand	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Modstandsdygtighed overfor stød	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

Enhedstype af pakke 1	PCE
Antal enheder i pakke 1	1
Pakke 1 Højde	3,500 cm
Pakke 1 Længde	5,400 cm
Package 1 Length	5,500 cm
Pakke 1 Vægt	40,000 g
Enhedstype af pakke 2	S02
Antal enheder i pakke 2	100
Pakke 2 Højde	15,000 cm
Pakke 2 Bredde	30,000 cm
Pakke 2 Længde	40,000 cm
Pakke 2 Vægt	4,359 kg

Logistik informationer

Oprindelsesland	FR
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Garanti

Garanti	18 months
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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 No

Emballage uden plast No

[EU RoHS-direktivet](#)

Proaktiv overensstemmelse (produkt ikke omfattet af EU RoHS)

Reach-forordning

[REACH-erklæring](#)

Use Again

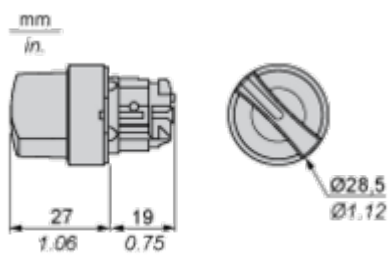
Ompakning og genfremstilling

Cirkularitetsprofil [Oplysninger om udtjent udstyr](#)

Returnering No

Dimensions Drawings

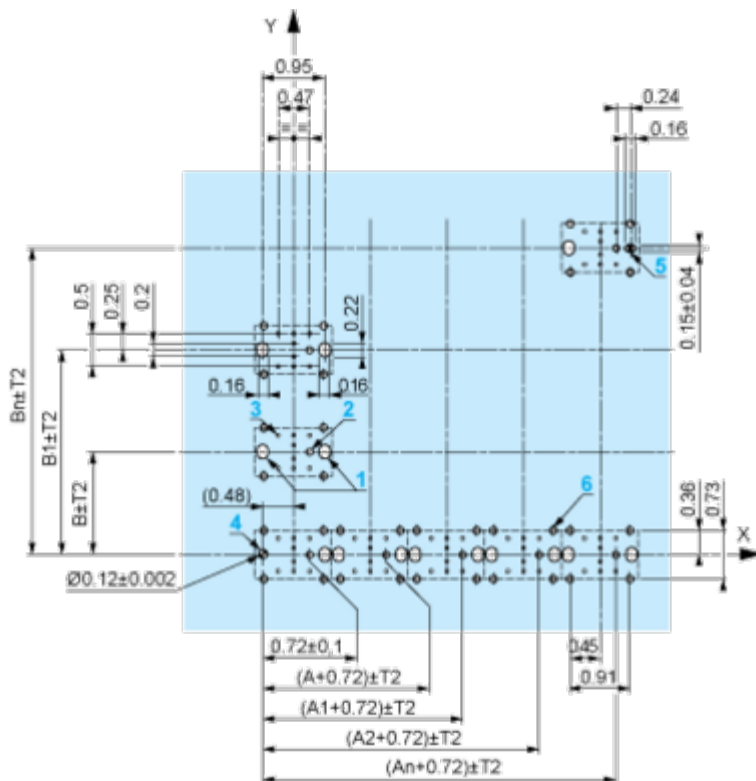
Dimensions



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) $\varnothing 22.5 \text{ mm} / 0.89 \text{ in.}$ recommended ($\varnothing 22.3 \text{ mm}_0^{+0.4} / 0.88 \text{ in.}_0^{+0.016}$) (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

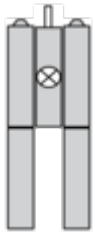
Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole \varnothing 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 3 8 × \varnothing 1.2 mm / 0.05 in. holes
- 4 1 hole \varnothing 2.9 mm ± 0.05 / 0.11 in. ± 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 ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

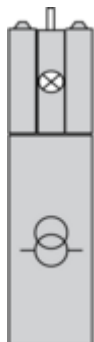
Electrical Composition Corresponding to Code M3



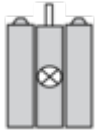
Electrical Composition Corresponding to Code M4



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	

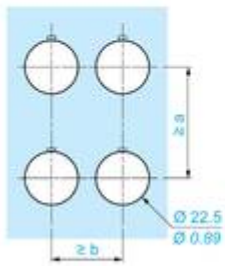
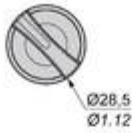
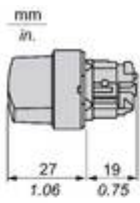
Position 45°















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

Technical Illustration

Dimensions



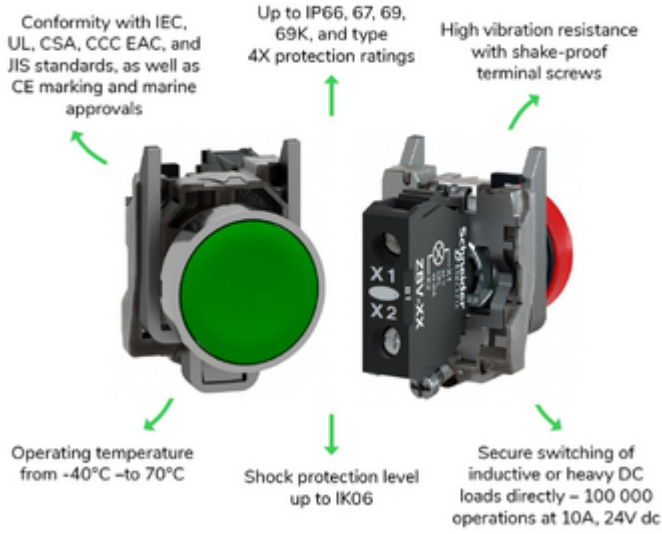
		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....9	ZBV.....9				
		40	1.57	30	1.18
ZBRT•	ZBRV1				

Offer Marketing Illustration

Product benefits / Features

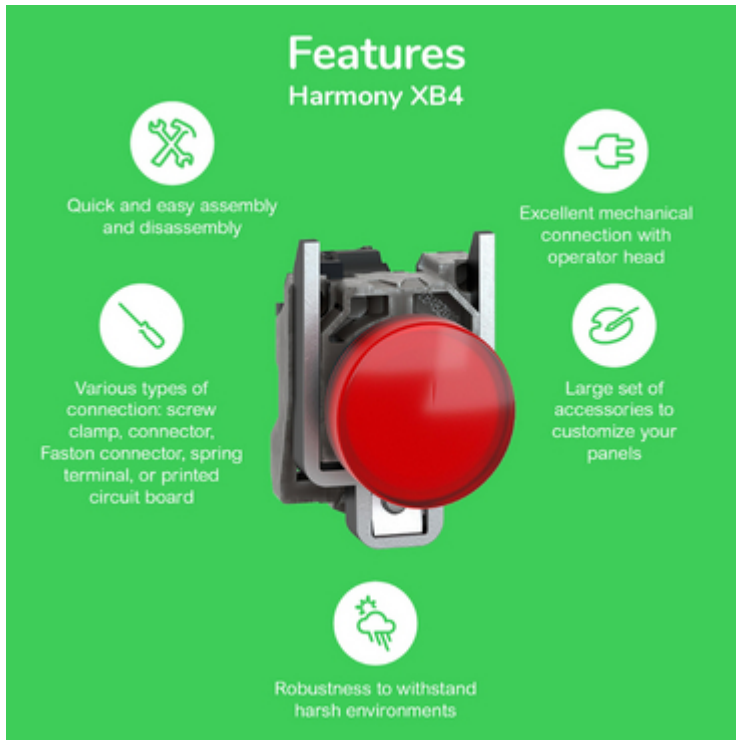
Technical Benefits

Harmony XB4



Offer Marketing Illustration

Product benefits / Features



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 block describing 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)
- Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board** (Icon: screwdriver)
- 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)

Image of product / Alternate images

Alternative

