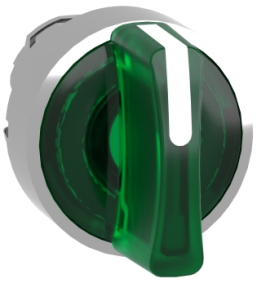
Productinformatieblad

Specificaties



Kop voor verlichte keuzeschakelaar, 3 standen, Ø22mm, Groen

ZB4BK1833

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: 3389110891034

Prijs: 31,25 EUR

Hoofd

range of product	Harmony XB4
product or component type	Kop voor verlichte keuzeschakelaar
compatibiliteit product	Universele LED
device short name	ZB4
kraag materiaal	Verchroomd metaal
koptype	Standaard
bevestigingsdiameter	22,5 mm
verkoop per ondeelbare hoeveelheid	1
vorm van kop signaleringseenheid	Rond
type operator	Van rechts naar het midden terugverend
profiel operator	Groen standaard hendel
informatie positie operator	3 standen +/- 45°
kap/operator of lenskleur	Groen

Complementair

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

Omgeving

beschermende behandeling	TH

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

ambient air temperature for storage	-40…70 °C
ambient air temperature for operation	-40…70 °C
overvoltage category	Klasse I conforming to IEC 60536
IP beschermingsgraad	IP66 conform aan IEC 60529 IP67 IP69 IP69K
NEMA beschermingsgraad	NEMA 13 NEMA 4X
IK-beschermingsgraad	IK04 conforming to IEC 50102
standards	IEC 60947-5-5 CSA C22.2 Nr 14 IEC 60947-5-1 IEC 60947-5-4 JIS C8201-5-1 UL 508 IEC 60947-1 JIS C8201-1
product certifications	BV CSA DNV LROS (Lloyds register of shipping) UL listed
trilling bestendigheid	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
schokbestendigheid	30 gn (duur = 18 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27 50 gn (duur = 11 ms) voor halve sinusgolf versnelling conform aan IEC 60068-2-27

Verpakkingseenheid

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3,3 cm
Package 1 Width	4,8 cm
Package 1 Length	5,2 cm
Package 1 Weight	42 g
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	4,8 cm
Package 2 Width	26,5 cm
Package 2 Length	3,3 cm
Package 2 Weight	210 g
Unit Type of Package 3	S03
Number of Units in Package 3	250
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	11 kg

contractuele waarborg

Garantie	18 months

Environmental Data

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? >

Milieuvoetafdruk

Totale levenscyclus ecologische voetafdruk	1

Use Better

Materialen en verpakking

Pakket met gerecycleerd karton	Nee
Verpakkingen zonder kunststof	Nee
EU-richtlijn RoHS	Voldoet pro-aktief (Product valt niet onder de EU RoHS juridische scoop)
REACh-regelgeving	REACh-verklaring

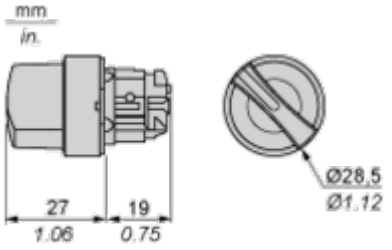
Use Again

Herverpakken en herfabriceren

Terugname	No

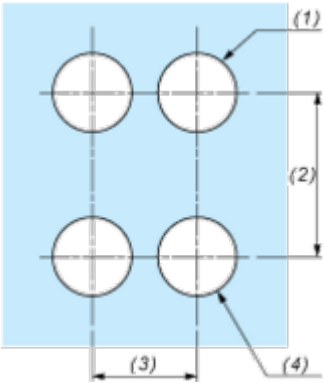
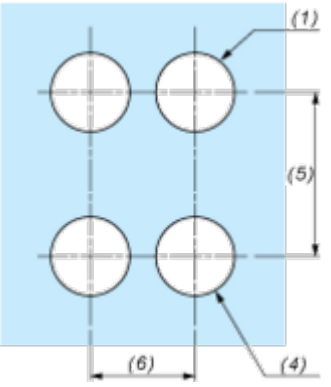
Dimensions Drawings

Dimensions



Mounting and Clearance

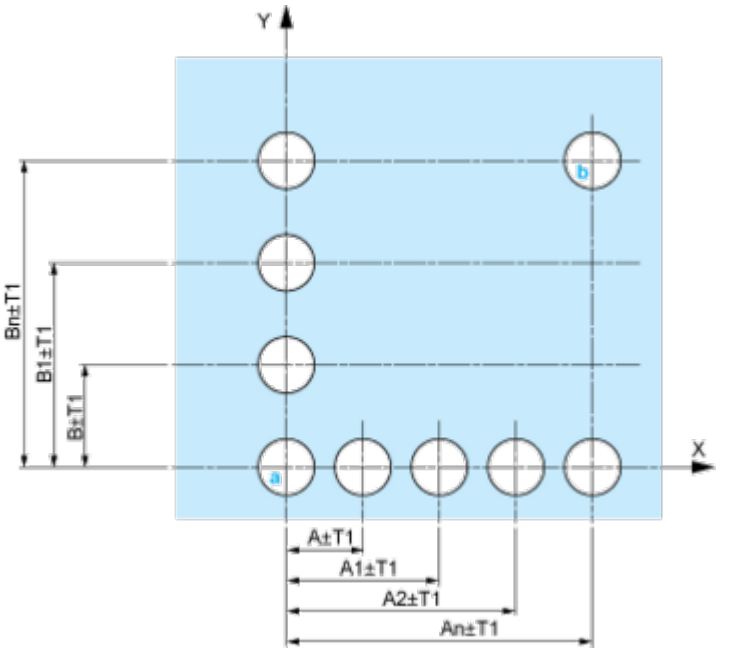
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
	

(1) Diameter on finished panel or support
(2) 40 mm min. / 1.57 in. min.
(3) 30 mm min. / 1.18 in. min.
(4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)
(5) 45 mm min. / 1.78 in. min.
(6) 32 mm min. / 1.26 in. min.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

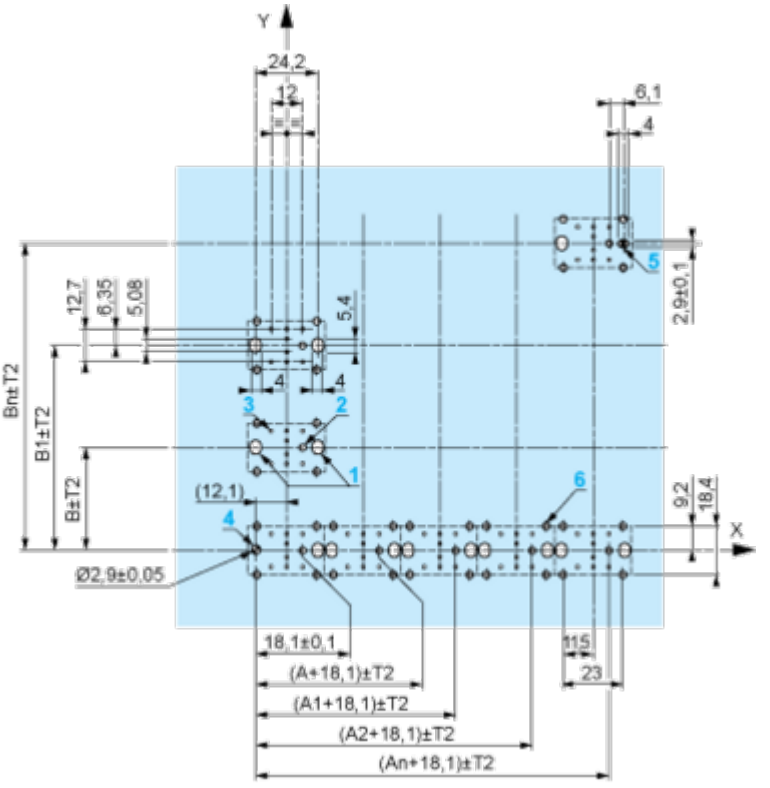
Panel Cut-outs (Viewed from Installer's Side)



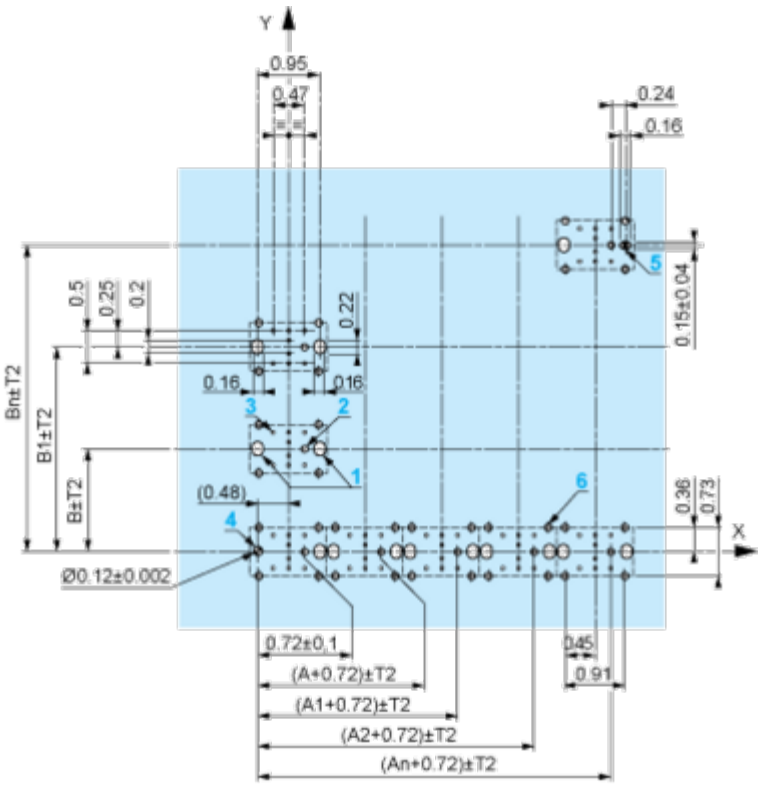
A: 30 mm min. / 1.18 in. min.
B: 40 mm min. / 1.57 in. min.

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.

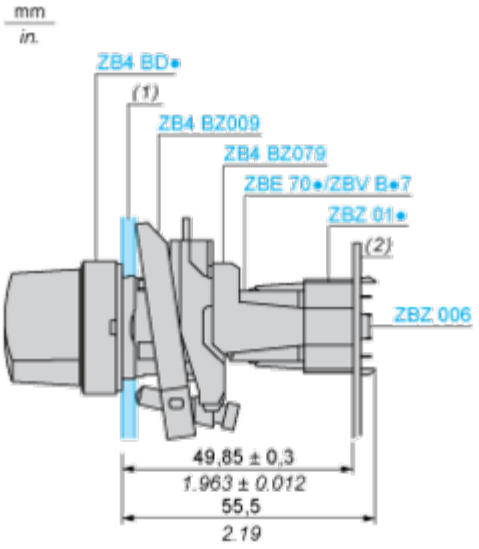
General Tolerances of the Panel and Printed Circuit Board

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

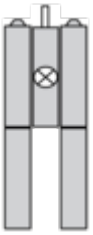
Mounting of Adapter (Socket) ZBZ 01•

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

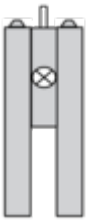
Dimensions An + 18.1 relate to the Ø 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

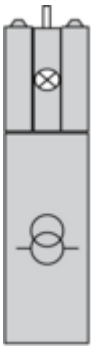
Electrical Composition Corresponding to Code M3



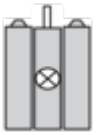
Electrical Composition Corresponding to Code M4



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°

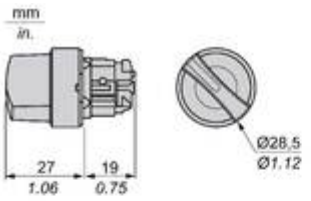
Push	Position	Top			
		Bottom			
	Location		Left		Right
	State		0		0
Contacts	N/O		open		open
	N/C		closed		closed

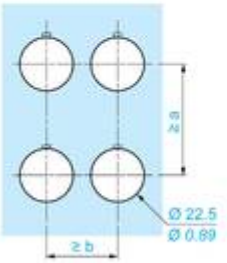
Position 45°

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

Technical Illustration

Dimensions





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

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

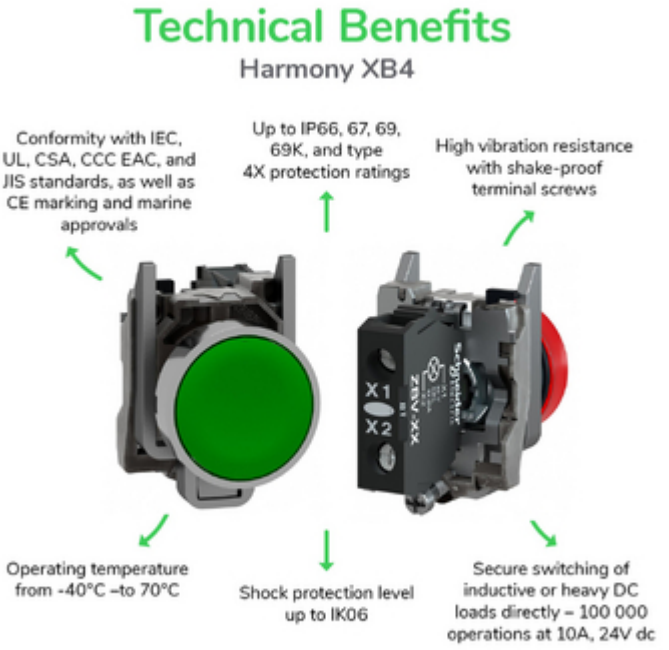


Image of product / Alternate images

Alternative