Produktdatablad

Trykknapphode i metall med klar silikonhette, fjærretur og opphøyd trykflate i hvit farge f/etikett

El-nummer:

4302681   ZB4BP18

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: 3389110888041

Produktdata

Produktspekter	Harmony XB4
Produkt eller type komponent	Hode for trykknapper uten lys
Kortnavn på utstyr	ZB4
Kompatibilitet	not compatible with legend holder
Innfatningsmateriale	Forkrommet metall
Montasjediameter	22,5 mm
Salg per udelelig kvantitet	1
Hode type	Standard
Formen på varslingsenhetens hode	Rund
Type arm/stempel	fjærretur
operatørprofil	Hvit innfelt, umerket
knappens tilleggs info.	Klar hette for innsetting av beskyttet skilt i hodet
Hette eller dekselfarge	Hvit

Teknisk data

Bredde	30 mm
Høyde	30 mm
Dybde	37 mm
Mekanisk levetid	10000000 sykluser
elektrisk sammensetningskode	C3 for <6 kontakter bruker Enkel blokker i frontmontering C4 for <6 kontakter bruker enkel og dobbel blokker i frontmontering C14 for <2 kontakter bruker Enkel blokker i frontmontering
Enhetens utseende	Basic element

Miljø

Overflatebeskyttelse	TH
Omgivelsestemperatur for lagring	−40…70 °C
Omgivelsestemperatur drift	−40…70 °C
Overspenningskategori	Klasse I conforming to IEC 60536
IP-grad	IP66 i samsvar med IEC 60529 IP67

NEMA beskyttelsesgrad	NEMA 13 NEMA 4X
Ik beskyttelsesklasse	IK06 i samsvar med IEC 50102
Standarder	IEC 60947-5-4 UL 508 IEC 60947-5-5 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 JIS C8201-5-1 JIS C8201-1
Produktsertifikater	BV CSA DNV LROS (Lloyds register of shipping) UL listet
Vibrasjonsmotstand	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
støtmotstand	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

Forpakningsinformasjon

Enhetstype pakke 1	PCE
Antall enheter i pakke 1	1
Pakke 1 Høyde	3,4 cm
Pakke 1 Bredde	5,4 cm
Pakke 1 Vekt	8,8 cm
Package 1 Weight	33 g
Enhetstype pakke 2	BB1
Antall enheter i pakke 2	5
Pakke 2 Høyde	3,4 cm
Pakke 2 Bredde	8,8 cm
Pakke 2 Lengde	26,5 cm
Pakke 2 Vekt	166 g
Enhetstype pakke 3	S03
Antall enheter i pakke 3	150
Pakke 3 Høyde	30 cm
Pakke 3 Bredde	30 cm
Pakke 3 Lengde	40 cm
Pakke 3 Vekt	5,536 kg

Logistikkinformasjon

Opprinnelsesland	FR

Garantiperiode

Garanti	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	**Ja**
Emballasje uten plast	**Nei**
EU RoHS-direktiv	**Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)**

Use Again

Ompakking og reproduksjon

Produktets livssyklus	**Informasjon om levetidsslutt**
Tilbaketakning	**No**

Dimensions Drawings

Dimensions
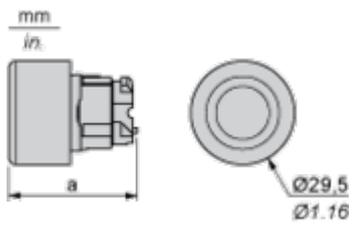
|	a in mm	a in in.
ZB4BP••	36.5	1.44
ZB4BP•S	33	1.30
ZB4BP•83	32	1.26
ZB4BP•	35	1.38

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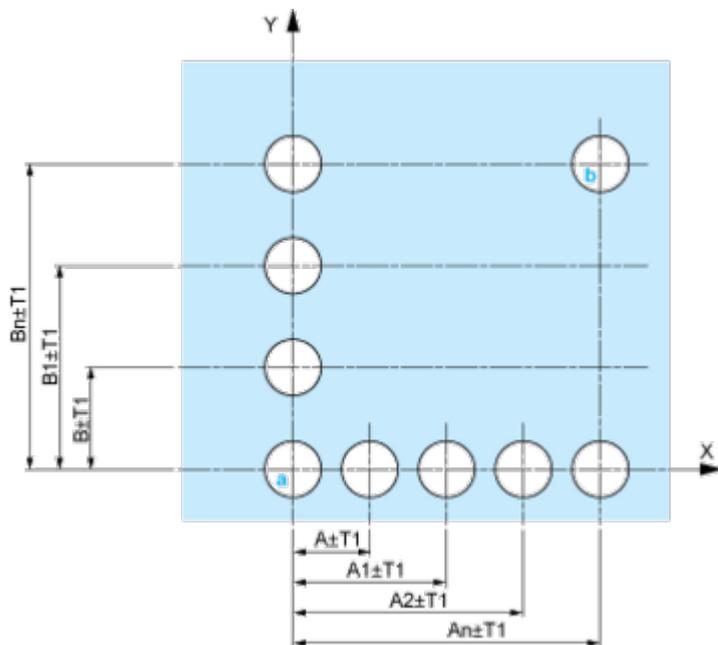
A: 30 mm min. / 1.18 in. min.
B: 40 mm min. / 1.57 in. min.

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

Dimensions in mm
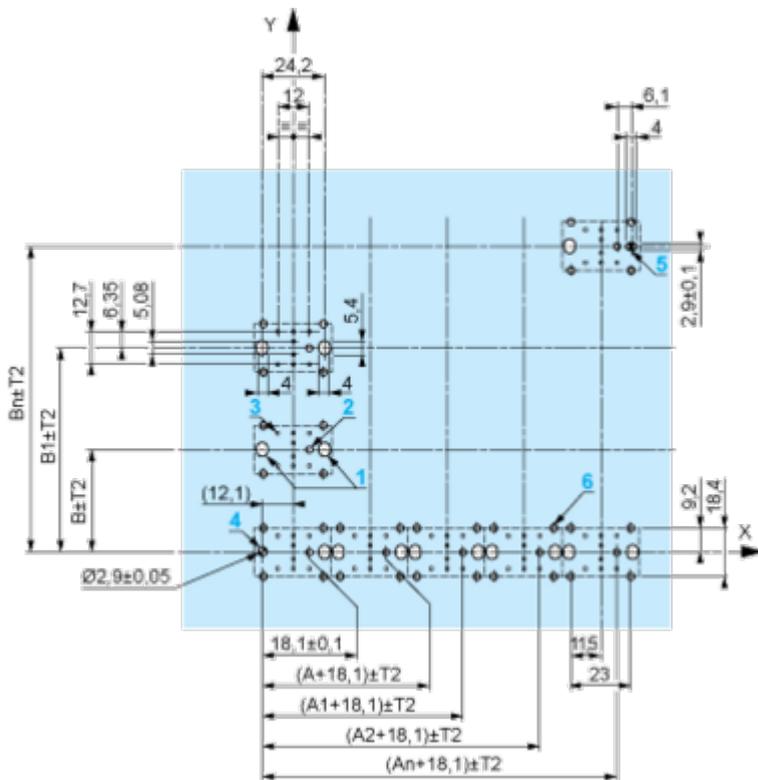
A: 30 mm min.
B: 40 mm min.
Dimensions in in.

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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 C3

Electrical Composition Corresponding to Code C4

Electrical Composition Corresponding to Codes C14, SF2 and SR2
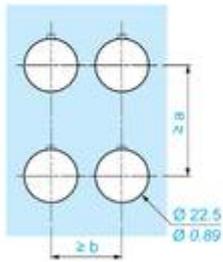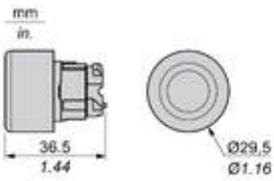
Legend

Single contact

Double contact

Light block

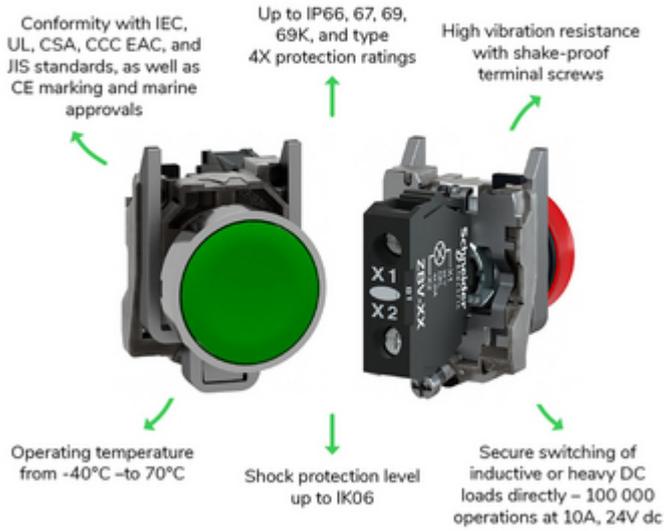Possible location

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

Technical Benefits
Harmony XB4

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C –to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative