Product datasheet

Specifications



Illuminated push button, Easy Harmony XB2, metal, flush, blue, 22mm, spring return, 24V AC DC, 1NO

XB2BW36B1C

Main

Range of product	Easy Harmony XB2
Product or component type	Complete illuminated push-button
Device presentation	Complete product
Device short name	XB2
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	22.5 mm
Head type	Standard

Complementary

Sale per indivisible quantity	1
Protective treatment	TC/TH
Fixing center	>= 30 x 40 mm (panel) - thickness: 1…6 mm
Fixing mode	Fixing screw beneath head recommended torque: 0.8 N.m Fixing screw beneath head recommended torque: 1.0 N.m
Terminals description ISO n°1	(13-14)NO
Cap/operator or lens colour	Blue
Product compatibility	ZB2..C
Shape of signaling unit head	Round
Device mounting	Fixing hole - diameter: 22.5 mm
Type of operator	spring return
Operator profile	Blue flush, unmarked
Contacts type and composition	1 NO
Contact operation	Slow-break
Contacts usage	Standard contacts
Operating travel	2.88 mm (NO changing electrical state) 5.0 mm (total travel)
Mechanical durability	3000000 cycles
Connections - terminals	Screw clamp terminal, <= 2 x 1.5 mm² with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm² with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm² with and without cable ends Faston terminals, connection size: 6.3 mm
Tightening torque	0.8…1.0 N.m

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A gL fuse type gG conforming to IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15, 3 A at 240 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.27 A at 250 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4
Signalling type	Steady
Light source	LED
Bulb base	BA 9s
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Supply voltage limits	19.2…26.4 V AC/DC
Current consumption	< 20 mA
Service life	50000 h at rated voltage and 25 °C
Width	40 mm
Height	30 mm
Depth	74.5 mm
Net weight	0.12 kg
Customizable	No
[Us] rated supply voltage	24 V
Type of operator	Spring return

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °C
Overvoltage category	Class I conforming to IEC 60536
Standards	IEC 60947-5-1 IEC 60947-5-4 IEC 60947-1 GB/T 14048.1 GB/T 14048.5
Product certifications	CCC CE
Marking	Unmarked
IP degree of protection	IP65
IK degree of protection	IK06
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6

Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.000 cm
Package 1 Width	7.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	107.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	25
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.975 kg
Unit Type of Package 3	P06
Number of Units in Package 3	400
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	55.600 kg

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	3
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	9e63340a-2371-4381-8f9a-5fba0ff349a4
REACh Regulation	REACh Declaration

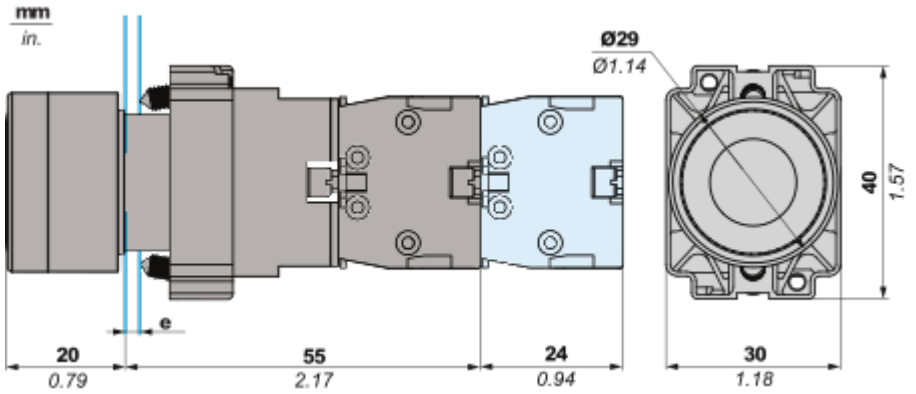
Use Again

Repack and remanufacture

End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

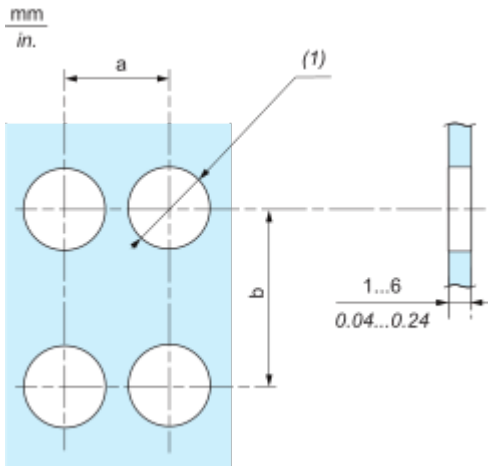


e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Mounting and Clearance

Panel cut-out

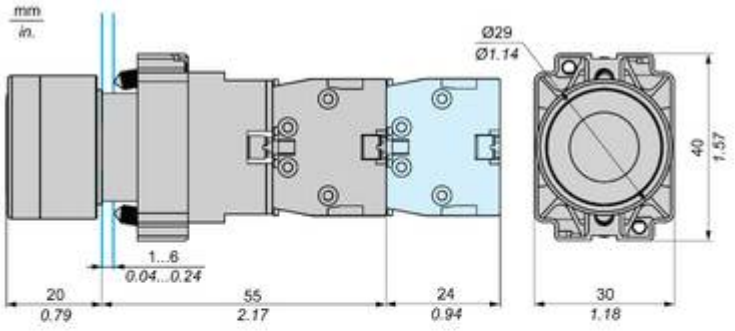


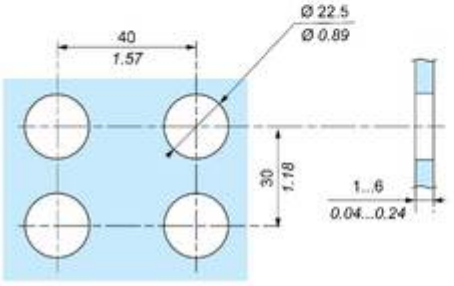
	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
•B2BA•C / •B2BL•C / •B2BP•C / •B2BS4•C / •B2BD•C / •B2BJ•C / •B2BG•C / •B2BW•C	40	1.57	30	1.18
•B2BC•C / •B2BS5•C / •B2BS8•C / •B2BT•C	40	1.57	40	1.57
•B2BR•C / •B2BS6•C	60	2.36	60	2.36

(1) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)

Technical Illustration

Dimensions





Offer Marketing Illustration

Product benefits / Features



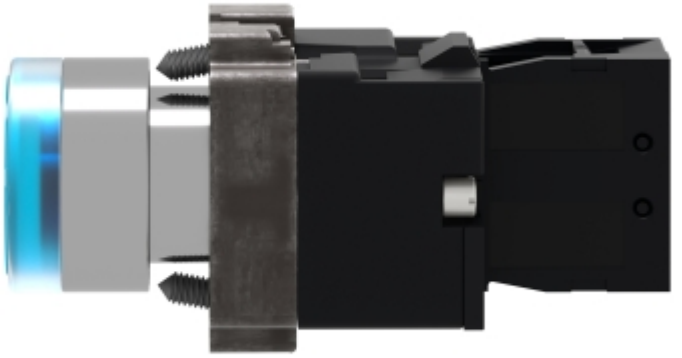
Offer Marketing Illustration

Product benefits / Features

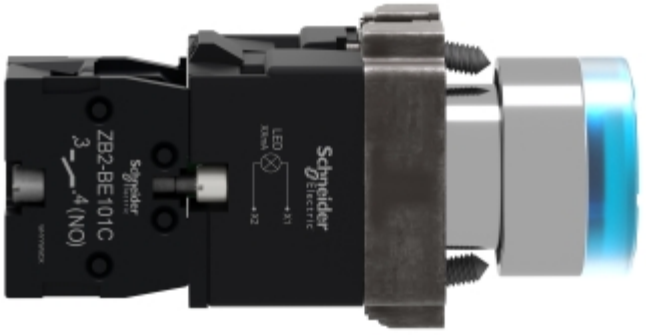


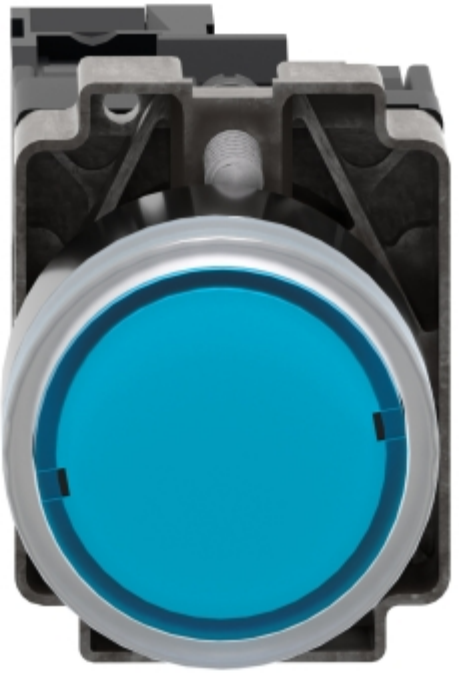
Image of product / Alternate images

Alternative






ZB2-BE101C
3
4 (NO)
LED
X1
X2






X1X2
4
NO
3

Image of product in real life situation

