

# Product datasheet

Specifications



Complete illuminated push button,  
Easy Harmony XB2, metal, flush,  
red, 22mm, spring return, 220V AC,  
1NO

XB2BW34M1C

## 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	Red
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	Red 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 mm <sup>2</sup> with and without cable ends Screw clamp terminal, <= 1 x 2.5 mm <sup>2</sup> with and without cable ends Screw clamp terminal, >= 1 x 0.5 mm <sup>2</sup> with and without cable ends Faston terminals, connection size: 6.3 mm
Tightening torque	0.8...1.0 N.m

<b>Shape of screw head</b>	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
<b>Contacts material</b>	Silver alloy (Ag/Ni)
<b>Short-circuit protection</b>	10 A gL fuse type gG conforming to IEC 60947-5-1
<b>[Ith] conventional free air thermal current</b>	10 A conforming to IEC 60947-5-1
<b>[Ui] rated insulation voltage</b>	600 V (pollution degree 3) conforming to IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-1
<b>[Ie] rated operational current</b>	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
<b>Electrical durability</b>	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
<b>Electrical reliability</b>	$\Lambda < 10\text{exp}(-6)$ at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4
<b>Signalling type</b>	Steady
<b>Light source</b>	LED
<b>Bulb base</b>	BA 9s
<b>[Us] rated supply voltage</b>	240 V AC 50/60 Hz
<b>Supply voltage limits</b>	176...242 V AC
<b>Current consumption</b>	< 20 mA
<b>Service life</b>	50000 h at rated voltage and 25 °C
<b>Width</b>	40 mm
<b>Height</b>	30 mm
<b>Depth</b>	79.5 mm
<b>Product weight</b>	0.12 kg
<b>Customizable</b>	No
<b>[Us] rated supply voltage</b>	240 V
<b>Type of operator</b>	Spring return

## Environment

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

<b>Shock resistance</b>	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
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.000 cm
<b>Package 1 Width</b>	7.000 cm
<b>Package 1 Length</b>	10.000 cm
<b>Package 1 Weight</b>	107.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	25
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	3.125 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	400
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	58.211 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 9

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

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

Circularity Profile No need of specific recycling operations

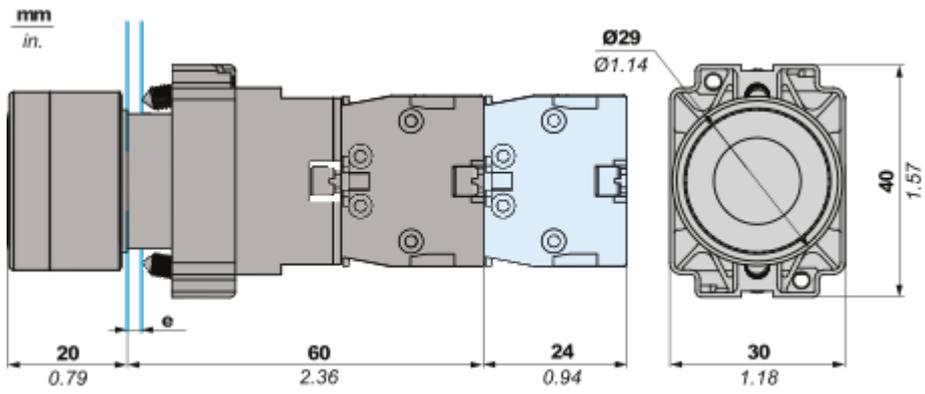
Take-back No

WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

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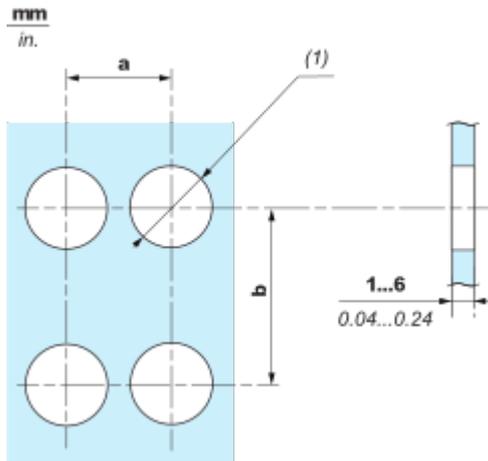
e: clamping thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

**Mounting and Clearance**

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Panel cut-out



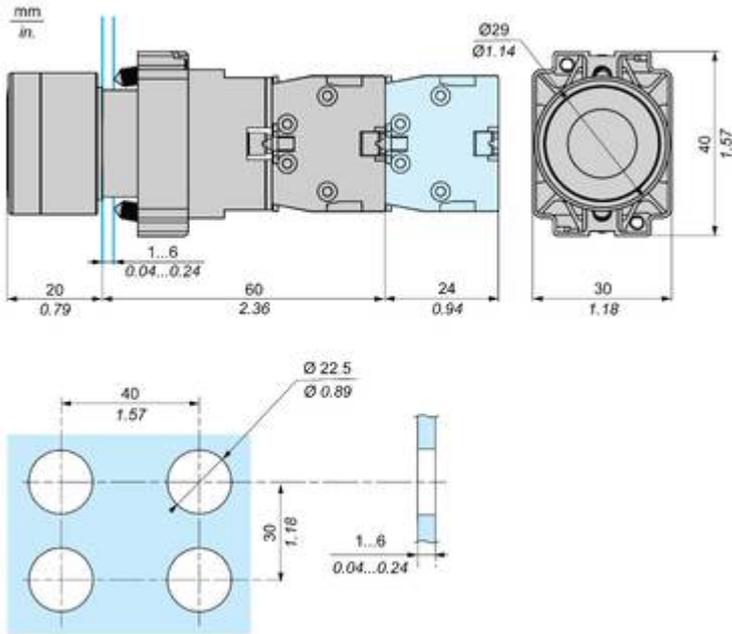
	Connection by Screw clamp terminals			
	a in mm	a in in.	b in mm	b in in.
•B2BA•C / •B2BL•C / •B2BP•C / •B2BS4•C / •B2BD•C / •B2BJ•C / •B2BG•C / •B2BW•C	40	1.57	30	1.18
•B2BC•C / •B2BS5•C / •B2BS8•C / •B2BT•C	40	1.57	40	1.57
•B2BR•C / •B2BS6•C	60	2.36	60	2.36

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

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features

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### Features

#### Easy Harmony XB2

- 

Metal bezels with metal fixing collars for impact endurance
- 

Designed to be used in numerous control and signaling applications
- 

Metal screws for secure fix, grounding contact to the panel and anti-rotation
- 

Simple modular design facilitates post installation servicing, modification and adaption of machines by non-specialists
- 

Available in sub-assemblies for easy mix and match of functionalities

Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

Easy Harmony XB2

Supports operating temperature from -25°C to +70°C

Excellent resistance to mechanical shock and vibration



Conforming to CE, CCC and ROHS standards

Up to IP65 protection ratings

Image of product / Alternate images

Alternative

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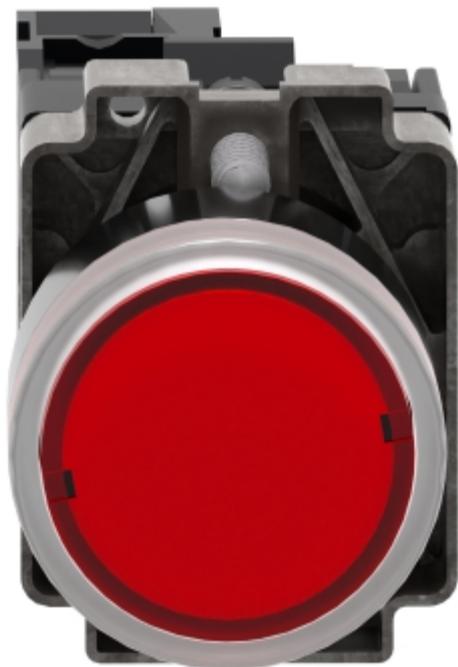




Image of product in real life situation

