

# Product datasheet

Specifications



Push button, Harmony XB5, grey plastic, flush, black, 22mm, spring return, unmarked, 1 NO, compact push in terminals

XB5AA215

EAN Code: 3606486341216

## Main

Range of product	Harmony XB5
Product or component type	Push-button
Device short name	XB5
Bezel material	Plastic
Head type	Standard
Fixing collar material	Plastic
Mounting diameter	22.5 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	Black flush, unmarked
Contacts type and composition	1 NO
Contact operation	Slow-break
Connections - terminals	Push-in, $\leq 2 \times 1.5 \text{ mm}^2$ with wire end ferrule conforming to IEC 60947-1 Push-in, $\geq 1 \times 0.34 \text{ mm}^2$ without wire end ferrule conforming to IEC 60947-1

## Complementary

Height	42 mm
Width	30 mm
Depth	43.2 mm
Terminals description ISO n°1	(13-14)NO
Net weight	0.033 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Contacts usage	Standard contacts
Positive opening	Without
Operating travel	2.05 mm (NO changing electrical state) 4.3 mm (total travel)
Operating force	2.45 N NO changing electrical state
Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge 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>	300 V (pollution degree 3) conforming to IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	4 kV conforming to IEC 60947-1
<b>[Ie] rated operational current</b>	6 A at 120 V, AC-15, A300 conforming to IEC 60947-5-1 3 A at 240 V, AC-15, A300 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1
<b>Device presentation</b>	Complete product
<b>Customizable</b>	No
<b>Customizable</b>	1
<b>GCR BRIDGE</b>	XB5AACUST01
<b>Compatibility code</b>	XB5

## Environment

<b>Protective treatment</b>	TH
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-40...70 °C
<b>Overvoltage category</b>	Class II conforming to IEC 60536
<b>IP degree of protection</b>	IP66 conforming to IEC 60529 IP67 IP69 IP69K
<b>NEMA degree of protection</b>	NEMA 13 NEMA 4X
<b>IK degree of protection</b>	IK03 conforming to IEC 50102
<b>Standards</b>	IEC 60947-1 IEC 60947-5-1 IEC 60947-5-4 IEC 60947-5-5 UL 60947-1 UL 60947-5-1 UL 60947-5-5 UL 1059 UL 486E CSA C22.2 No 60947-1 CSA C22.2 No 60947-5-1 CSA C22.2 No 158 CSA C22.2 No 65 IACS E10
<b>Product certifications</b>	EAC IECEE CB Scheme CCC UL CSA
<b>Vibration resistance</b>	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27 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

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

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Package 1 Height	3.400 cm
Package 1 Width	5.300 cm
Package 1 Length	9.000 cm
Package 1 Weight	30.000 g

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## Contractual warranty

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Warranty (in months)	18
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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

Total lifecycle Carbon footprint	1
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>

### Use Longer

#### Lifetime extension

Repair	No
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### Use Again

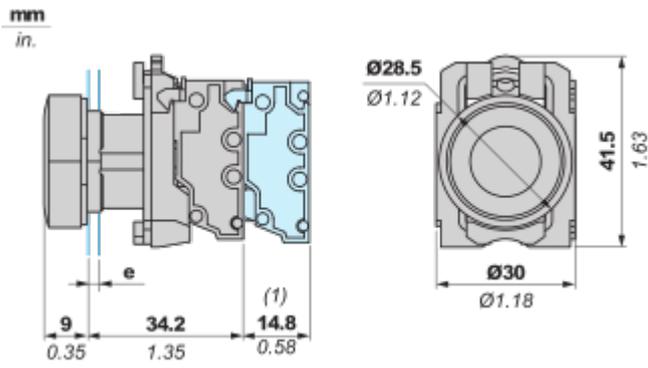
#### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
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

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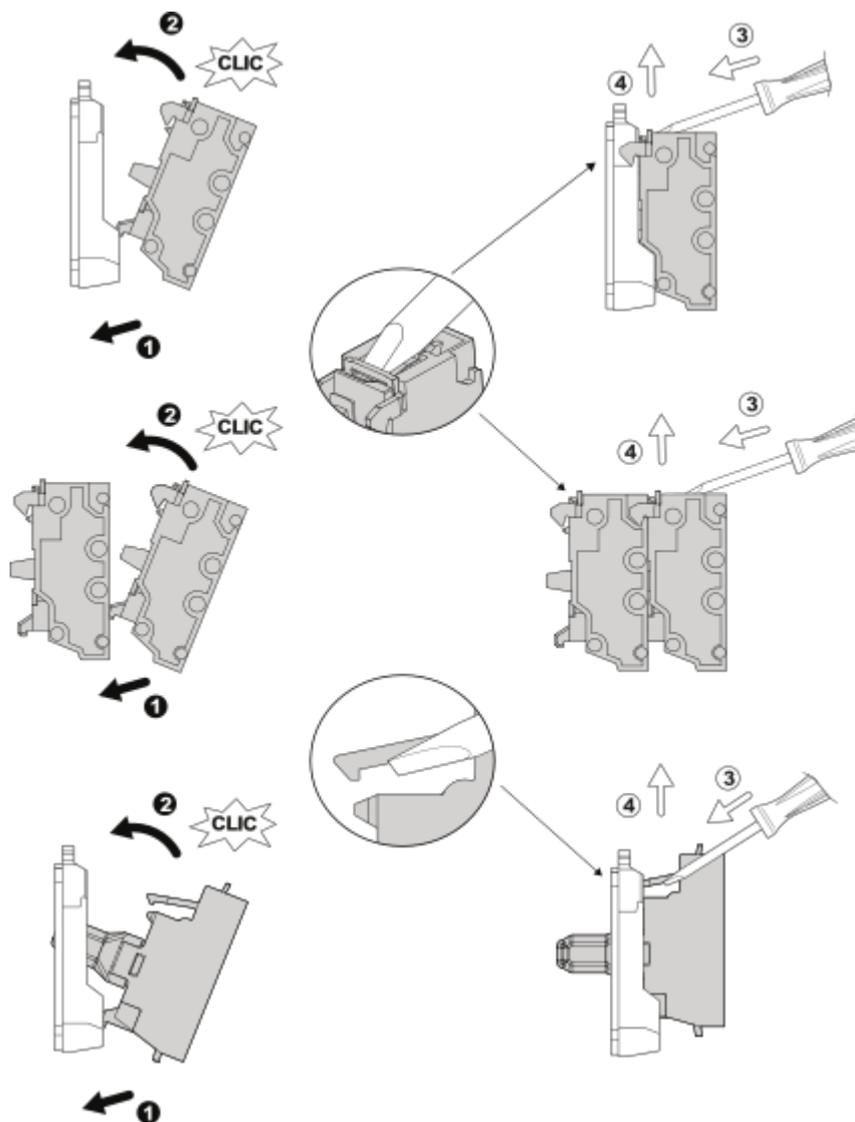
e : Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
(1) : Additional row of contacts or double contact

Mounting and Clearance

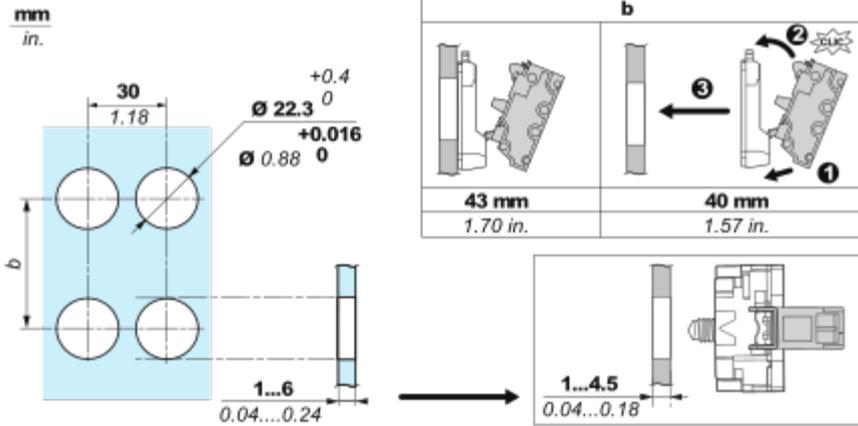
Mounting

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Mounting and Unmounting



Panel cut-out Dimension



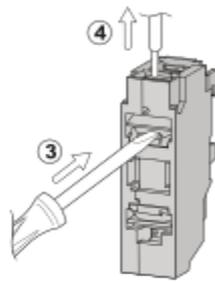
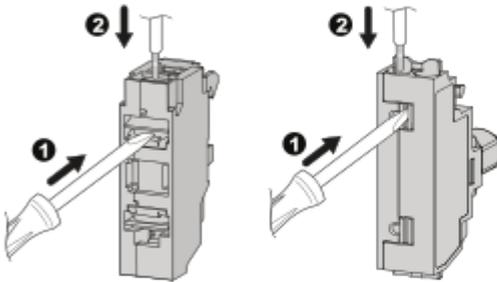
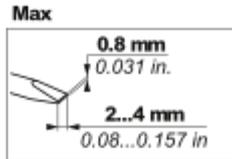
Connections and Schema

**Wiring**

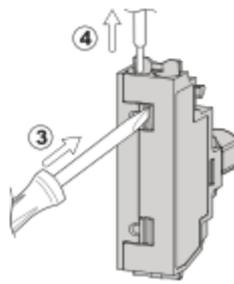
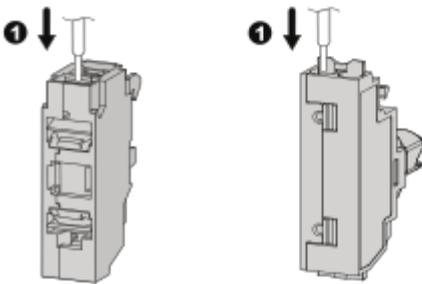
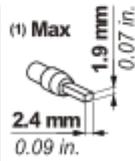
**Wiring and Unwiring**



mm	<b>8</b>
in.	<b>0.32</b>
mm <sup>2</sup>	<b>0.34...1.5</b>
AWG	<b>22...16</b>

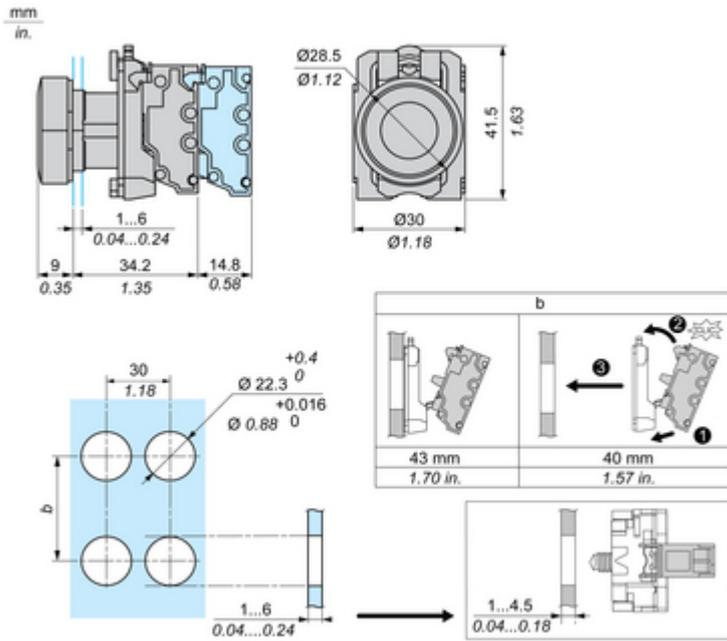


mm	<b>8</b>	<b>8</b>	<b>8</b>
in.	<b>0.32</b>	<b>0.32</b>	<b>0.32</b>
mm <sup>2</sup>	<b>0.34...1.5</b>	<b>0.34...1</b>	<b>0.34...1.5</b>
AWG	<b>22...16</b>	<b>22...18</b>	<b>22...16</b>



Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

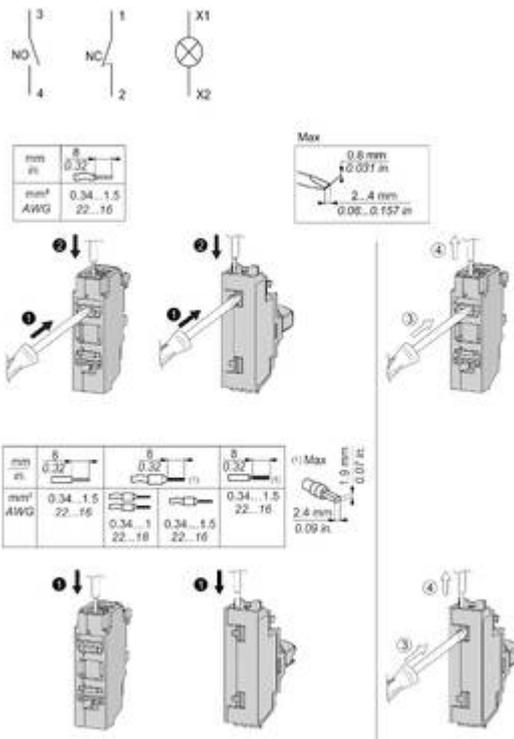


Image of product / Alternate images

Alternative

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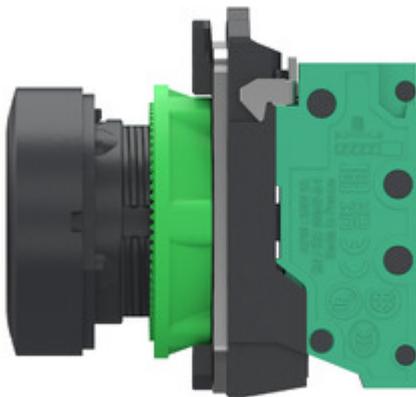






Image of product in real life situation

