

Product data sheet

Specifications



Double headed push button,
Harmony XB5, plastic, 22mm, 1
green marked I + 1 red projecting
marked O, 1NO+1NC, push in

XB5AL734155

Main

Range of product	Harmony XB5
Product or component type	Double-headed push-button
Device short name	XB5
Bezel material	Dark grey plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22.5 mm
Shape of signaling unit head	Rectangular
Type of operator	spring return
Operator profile	1 flush - 1 projecting push-buttons
Operators description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Push-in, <= 2 x 1.5 mm ² with wire end ferrule conforming to IEC 60947-1 Push-in, >= 1 x 0.34 mm ² without wire end ferrule conforming to IEC 60947-1
Device presentation	Complete product

Complementary

Height	50 mm
Width	30 mm
Depth	51 mm
Terminals description ISO n°1	(21-22)NC (13-14)NO
Product weight	0.045 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Colour of marking	White marking when green, red or black caps Black marking when white caps
Operator profile	Red projecting, O (white) Green flush, I (white)
Contacts usage	Standard contacts
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.217 mm (NC changing electrical state) 2.05 mm (NO changing electrical state) 4.3 mm (total travel)

Operating force	2.25 N NC changing electrical state 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
[I_{th}] conventional free air thermal current	10 A conforming to IEC 60947-5-1
[U_i] rated insulation voltage	300 V (pollution degree 3) conforming to IEC 60947-1
[U_{imp}] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
[I_e] rated operational current	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

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
Standards	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
Product certifications	EAC IECEE CB Scheme CCC UL CSA
Vibration resistance	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
Shock resistance	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

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	3.200 cm
Package 1 Width	5.500 cm
Package 1 Length	9.000 cm
Package 1 Weight	53.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	12.500 cm
Package 2 Width	12.500 cm
Package 2 Length	18.500 cm
Package 2 Weight	614.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	20
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	1.428 kg



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 [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 1b727668-980f-44dd-96d8-f205d181f25e

California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](#)

Use Again

Repack and remanufacture

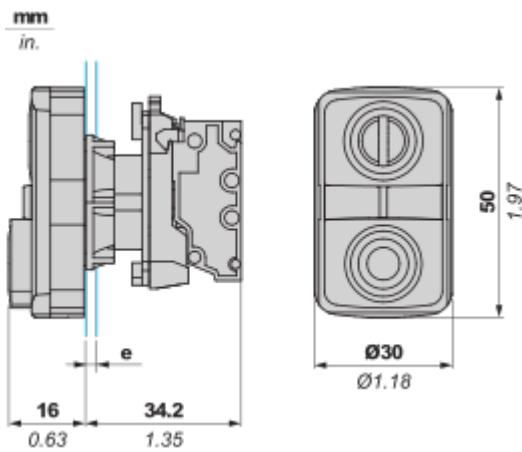
End of life manual availability [End of Life Information](#)

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

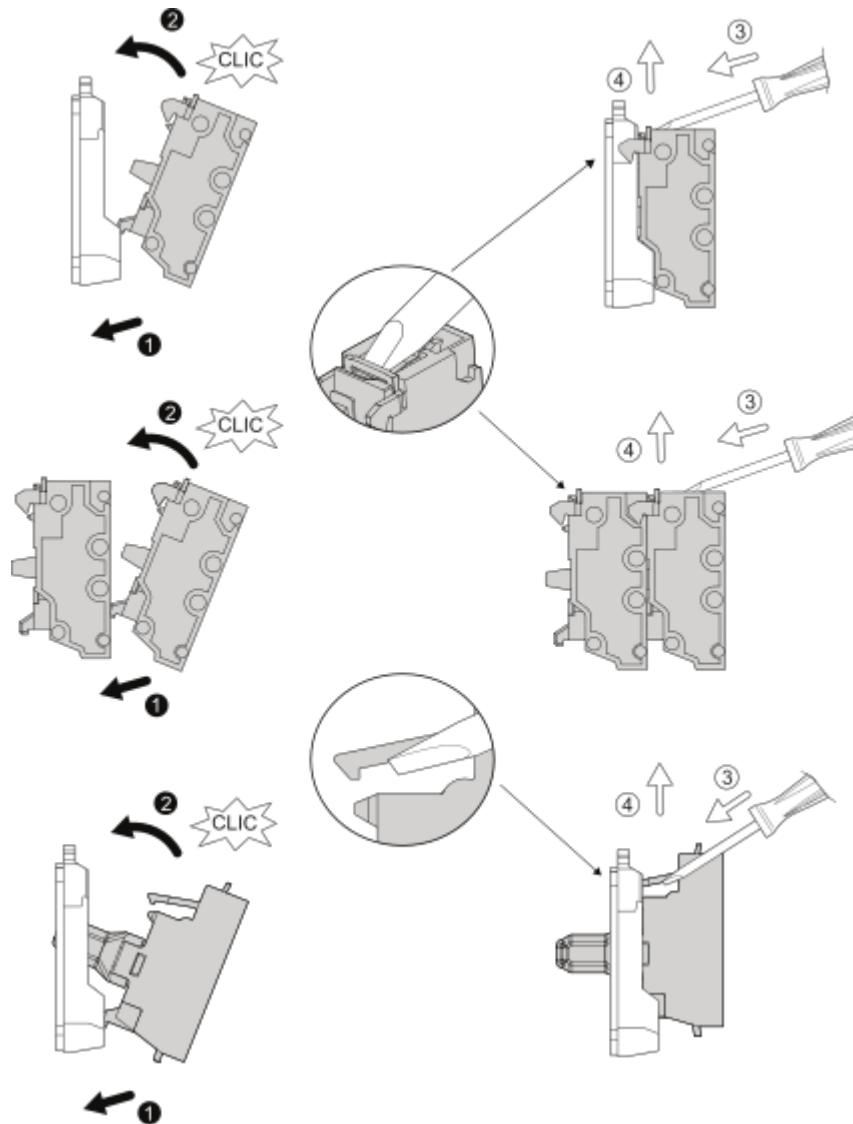


e : Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

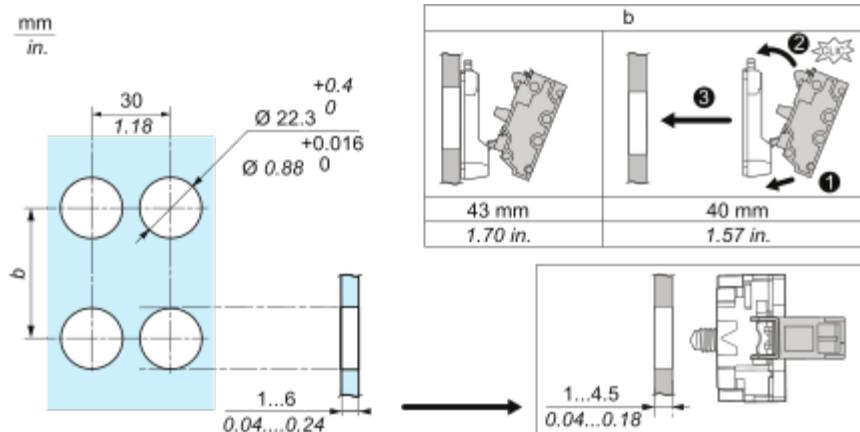
Mounting and Clearance

Mounting

Mounting and Unmounting



Panel cut-out Dimension



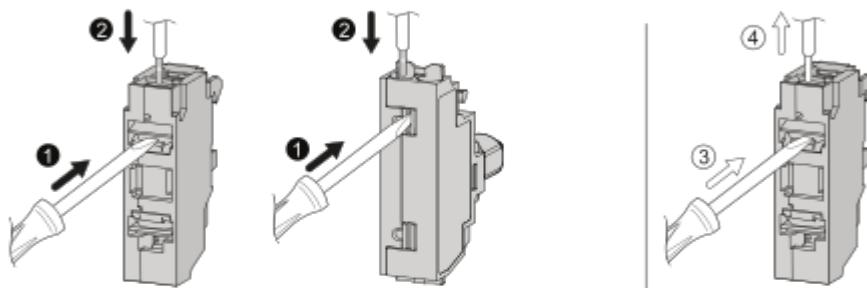
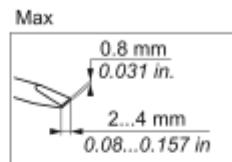
Connections and Schema

Wiring

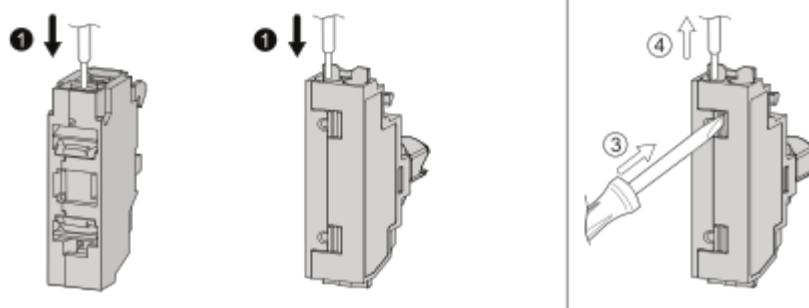
Wiring and Unwiring



mm	8	0.32
in.	0.32	
mm ²	0.34...1.5	
AWG	22...16	

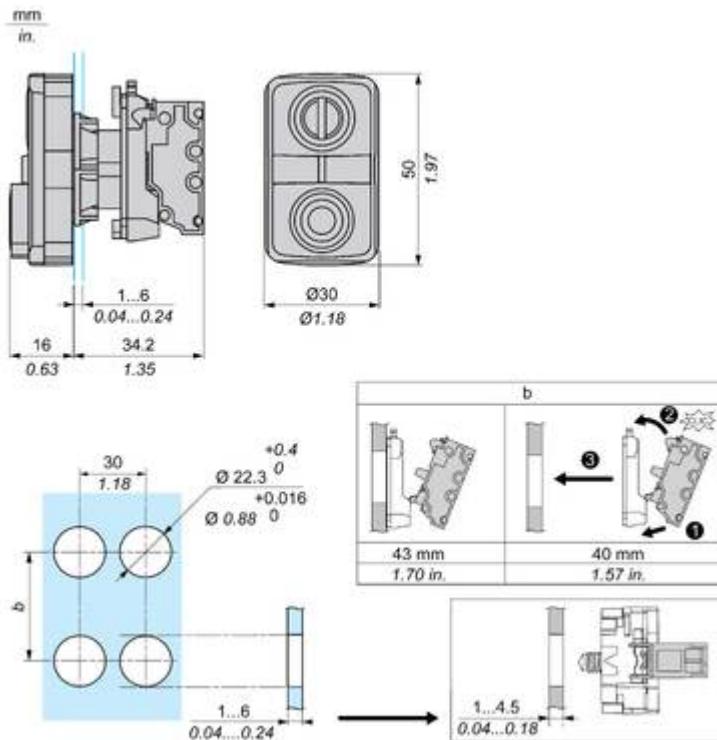


mm	8	0.32
in.	0.32	
mm ²	0.34...1.5	
AWG	22...16	
		(1) Max
		1.9 mm 0.07 in.
		2.4 mm 0.09 in.



Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

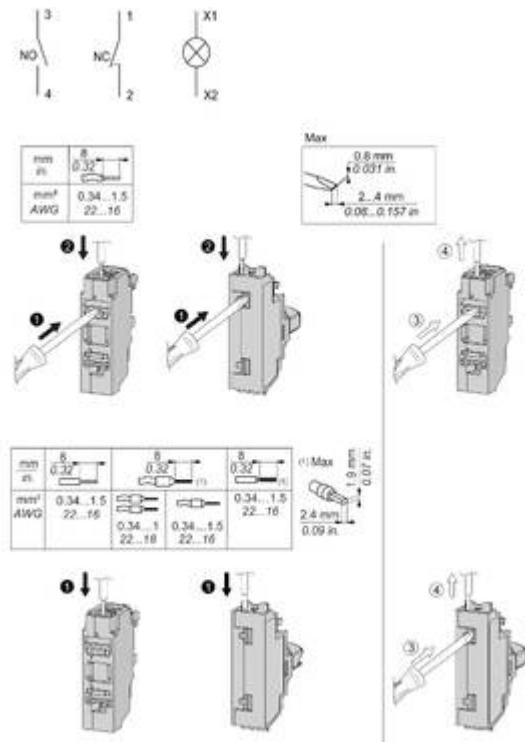


Image of product / Alternate images

Alternative



