

Product data sheet

Specifications



Emergency stop switching off,
Harmony XB5, plastic, red
mushroom 40mm, 22mm, trigger
turn to release, 1 NO+1 NC, push in

XB5AS84455

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony XB5
Product or Component Type	Emergency stop push-button Emergency switching off push-button
Device short name	XB5
Bezel material	Dark grey plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	0.9 in (22.5 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red mushroom Ø 40 mm, unmarked
Contact operation	Slow-break
Connections - terminals	Push-in, <= 2 x 1.5 mm² with wire end ferrule IEC 60947-1 Push-in, >= 1 x 0.34 mm² without wire end ferrule IEC 60947-1
Device presentation	Complete product

Complementary

Height	1.7 in (43 mm)
Width	1.6 in (40 mm)
Depth	2.9 in (73.2 mm)
Terminals description ISO n°1	(11-12)NC (13-14)NO
Product Weight	0.137 lb(US) (0.062 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Contacts usage	Standard contacts
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.048 in (1.217 mm) NC changing electrical state) 0.08 in (2.05 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	2.25 N 2.45 N

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Mechanical durability	10000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1
[Ith] conventional free air thermal current	10 A IEC 60947-5-1
[Ui] rated insulation voltage	300 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
[Ie] rated operational current	6 A 120 V, AC-15, A300 IEC 60947-5-1 3 A 240 V, AC-15, A300 IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K
Enclosure Type	UL type 4X/13
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 IEC 60204-1 ISO 13850 IEC 60364-5-53
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 6 ms) 1000 shocks on each axis IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222469
Discount Schedule	0CS2
GTIN	3606481099785
Returnability	Yes

Country of origin	FR
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.7 in (4.3 cm)
Package 1 Width	2.05 in (5.2 cm)
Package 1 Length	3.4 in (8.6 cm)
Package weight(Lbs)	2.2 oz (62 g)

Contractual warranty

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	0.7 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
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 Longer



Lifetime extension

Repair	No
Product repairability index	A

Use Again

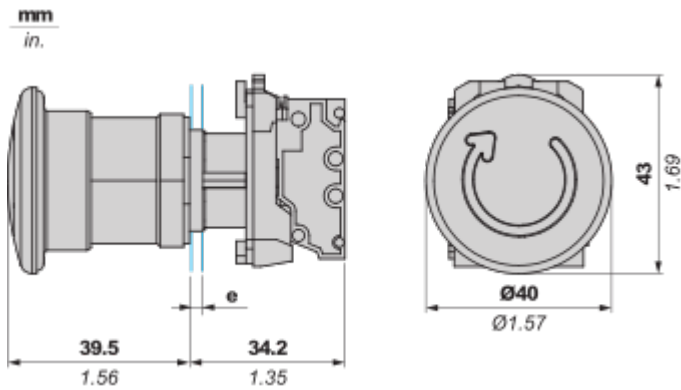


Repack and remanufacture

Recyclability potential, in %	21
Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

Dimensions

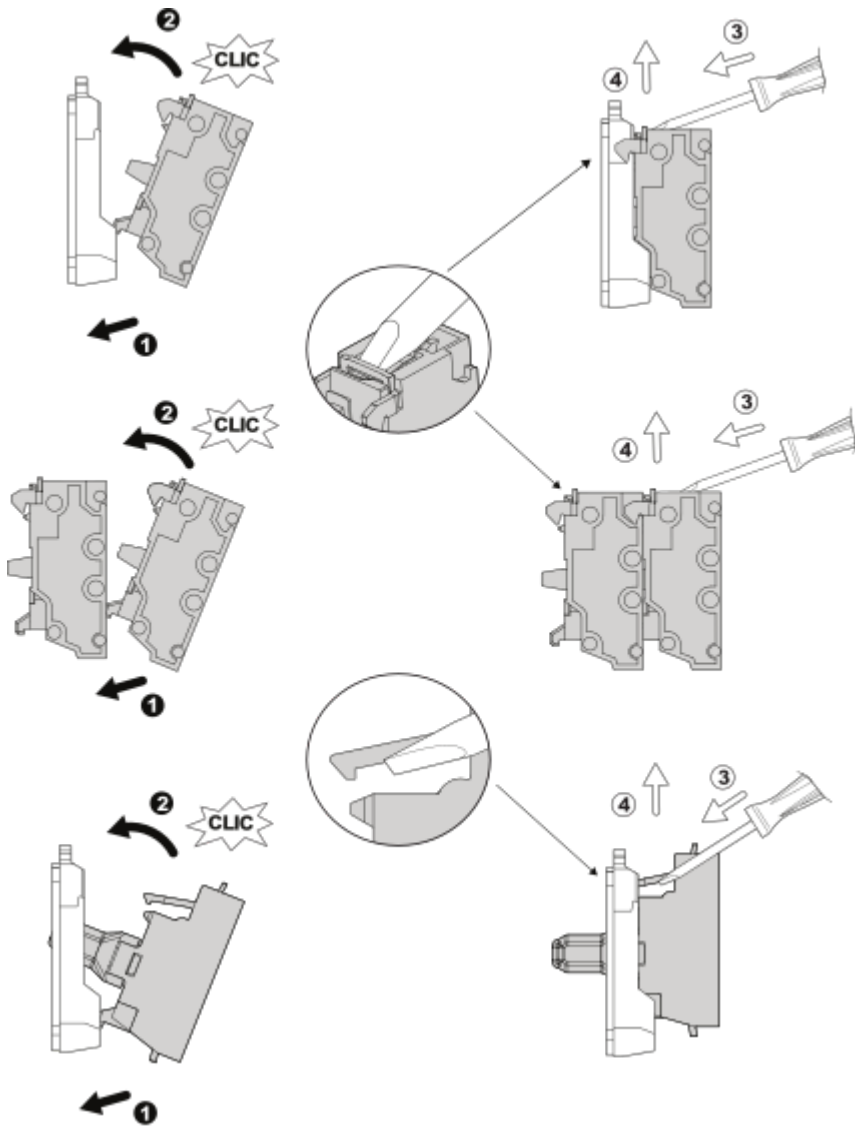


e : Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

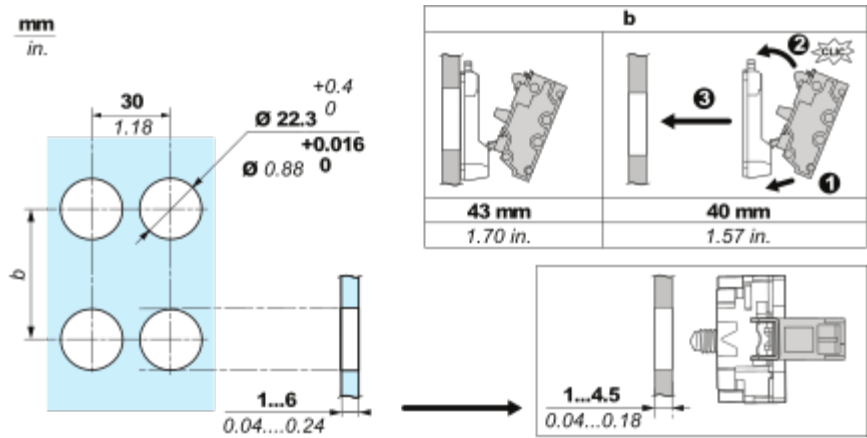
Mounting and Clearance

Mounting

Mounting and Unmounting



Panel cut-out Dimension



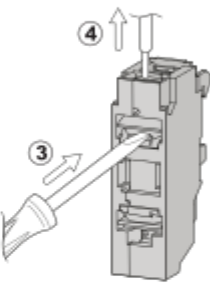
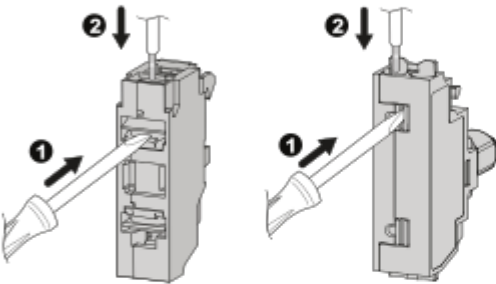
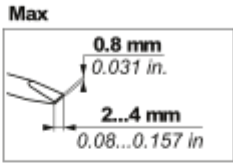
Connections and Schema

Wiring

Wiring and Unwiring



mm	8
in.	0.32
mm²	0.34...1.5
AWG	22...16



mm	8	8	8
in.	0.32	0.32	0.32
mm²	0.34...1.5	0.34...1	0.34...1.5
AWG	22...16	22...18	22...16

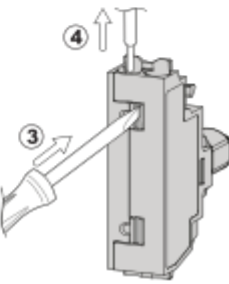
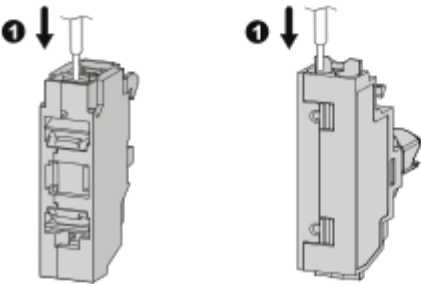


Image of product / Alternate images

Alternative

