

# Product data sheet

Specifications



## Emergency stop push button, Harmony XB7, 22mm, red mushroom 40mm, pull to release, 2NC

XB7NT844

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

### Main

Range of Product	Harmony XB7
Product or Component Type	Emergency stop push-button
Device short name	XB7
Mounting diameter	0.9 in (22 mm)
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Type of operator	latching
Reset	Push-pull
Operator profile	Red mushroom Ø 40 mm, unmarked
Contacts type and composition	2 NC
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end IEC 60947-1 Screw clamp terminals, $1 \times 0.34 \dots 2 \times 2.5 \text{ mm}^2$ without cable end IEC 60947-1
Device presentation	Monolithic product

### Complementary

CAD overall width	1.6 in (40 mm)
CAD overall height	1.6 in (40 mm)
CAD overall depth	2.8 in (72 mm)
Terminals description ISO n°1	(21-22)NC (13-14)NC
Net Weight	0.077 lb(US) (0.035 kg)
Device mounting	Fixing hole 0.9 in (22.5 mm) $22.3 +0.4/0$ IEC 60947-1
Fixing center	$\geq 30 \times 40 \text{ mm}$ support panel) metal 0.04...0.2 in (1...6 mm) $\geq 30 \times 40 \text{ mm}$ support panel) plastic 0.08...0.2 in (2...6 mm)
Fixing mode	Fixing nut beneath head 17.7...21.2 lbf.in (2...2.4 N.m)
Contact operation	Snap action
Contacts usage	Standard
Positive opening	With IEC 60947-5-1 appendix K
Mechanical durability	100000 cycles
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1

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

<b>Shape of screw head</b>	Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
<b>Short-circuit protection</b>	4 A cartridge fuse gG IEC 60947-5-1
<b>[Ui] rated insulation voltage</b>	250 V 3)IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	4 kV IEC 60947-1
<b>[Ie] rated operational current</b>	0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1 0.75 A 240 V, AC-15, C300 IEC 60947-5-1 1.5 A 120 V, AC-15, C300 IEC 60947-5-1
<b>Electrical durability</b>	1000000 cycles, DC-13, 0.3 A 24 V 216000 cyc/mn 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.03 A 230 V 216000 cyc/mn 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.09 A 240 V 108000 cyc/mn 0.5 IEC 60947-5-1 appendix C
<b>Electrical reliability</b>	$\Lambda < 5 \times 10^{\exp(-7)}$ 17 V 5 mA IEC 60947-5-4

## Environment

<b>Protective treatment</b>	TH
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-13...158 °F (-25...70 °C)
<b>Electrical shock protection class</b>	Class II conforming to IEC 60536
<b>IP degree of protection</b>	IP20 IEC 60529 rear face) IP65 IEC 60529 front face)
<b>NEMA degree of protection</b>	NEMA 12 UL 50 NEMA 3 UL 50
<b>Standards</b>	CSA C22.2 No 14 ISO 13850 IEC 60947-5-5 UL 508 IEC 60947-5-1 IEC 60204-1 IEC 60364-5-53 IEC 60947-1
<b>Product Certifications</b>	GOST CCC
<b>Vibration resistance</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	15 gn 11 ms) half sine wave acceleration IEC 60068-2-27

## Ordering and shipping details

<b>Category</b>	US10CS222464
<b>Discount Schedule</b>	0CS2
<b>GTIN</b>	3606480465628
<b>Returnability</b>	Yes
<b>Country of origin</b>	ID

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	5.91 in (15.0 cm)

<b>Package 1 Width</b>	3.15 in (8.0 cm)
<b>Package 1 Length</b>	5.91 in (15.0 cm)
<b>Package weight(Lbs)</b>	1.6 oz (45.0 g)
<b>Unit Type of Package 2</b>	BAG
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	3.15 in (8.0 cm)
<b>Package 2 Width</b>	5.91 in (15.0 cm)
<b>Package 2 Length</b>	5.91 in (15.0 cm)
<b>Package 2 Weight</b>	15.9 oz (452.0 g)
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	50
<b>Package 3 Height</b>	5.91 in (15 cm)
<b>Package 3 Width</b>	5.91 in (15 cm)
<b>Package 3 Length</b>	15.75 in (40 cm)
<b>Package 3 Weight</b>	5.520 lb(US) (2.504 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 CO2 eq, Total Life cycle)	1
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## Use Better

### Materials and Substances

Packaging without single use plastic	No
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<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
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REACH Regulation	<a href="#">REACH Declaration</a>
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California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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## Use Again

### Repack and remanufacture

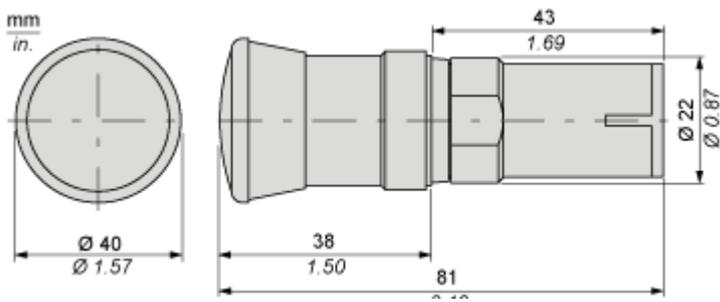
Take-back	No
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WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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Dimensions Drawings

Non-illuminated Pushbutton

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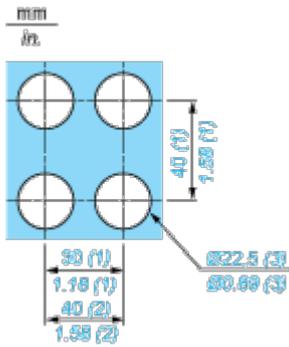


Mounting and Clearance

**Mounting**

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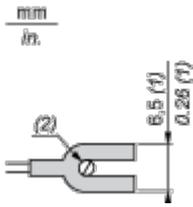
**Diameter of Finished Fixing Holes**



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value:  $\varnothing$  22.3 (0; + 0.4) mm/ $\varnothing$  0.88 (0; + 0.02) in.

**“U” Type Tag Connection**

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- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Connections and Schema

Wiring

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