Specifications





Emergency stop Ø 22 - red mushroom head Ø 40mm - pushpull - 2 NC

XB7NT844

① Discontinued

Main

Range Of Product	Harmony XB7
Product Or Component Type	Emergency stop push-button
Device Short Name	XB7
Mounting Diamete	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, <= 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm ² without cable end conforming to IEC 60947-1
Device Presentation	Monolithic product

Complementary

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Cad Overall Width	40 mm
Cad Overall Height	40 mm
Cad Overall Depth	72 mm
Terminals Description Iso N°1	(21-22)NC (13-14)NC
Net Weight	0.035 kg
Device Mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to IEC 60947-1
Fixing Center	>= 30 x 40 mm (support panel) metal - thickness: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm
Fixing Mode	Fixing nut beneath head: 22.4 N.m
Contact Operation	Snap action
Contacts Usage	Standard
Positive Opening	With conforming to IEC 60947-5-1 appendix K
Mechanical Durability	100000 cycles
Tightening Torque	0.81.2 N.m conforming to IEC 60947-1

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Shape Of Screw Head	Cross compatible with JIS No 1 screwdriver
	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
Short-Circuit Protection	4 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to IEC 60947-1
[le] Rated Operational Current	0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1
	0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1
	0.75 A at 240 V, AC-15, C300 conforming to IEC 60947-5-1
	1.5 A at 120 V, AC-15, C300 conforming to IEC 60947-5-1
Electrical Durability	1000000 cycles, DC-13, 0.3 A at 24 V, operating rate <216000 cyc/mn, load factor:
	0.5 conforming to IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 0.03 A at 230 V, operating rate <216000 cyc/mn, load factor:
	0.5 conforming to IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 0.09 A at 240 V, operating rate <108000 cyc/mn, load factor:
	0.5 conforming to IEC 60947-5-1 appendix C
Electrical Reliability	Λ < 5 x 10exp(-7) at 17 V and 5 mA conforming to IEC 60947-5-4

Environment

Protective Treatment	тн
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-2570 °C
Electrical Shock Protection Class	Class II conforming to IEC 60536
Ip Degree Of Protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
Nema Degree Of Protection	NEMA 12 conforming to UL 50 NEMA 3 conforming to UL 50
Standards	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
Product Certifications	GOST CCC
Vibration Resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6
Shock Resistance	15 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	15.0 cm
Package 1 Width	8.0 cm
Package 1 Length	15.0 cm
Package 1 Weight	45.0 g
Unit Type Of Package 2	BAG
Number Of Units In Package 2	10

Package 2 Height	8.0 cm
Package 2 Width	15.0 cm
Package 2 Length	15.0 cm
Package 2 Weight	452.0 g
Unit Type Of Package 3	S01
Number Of Units In Package 3	50
Package 3 Height	15 cm
Package 3 Width	15 cm
Package 3 Length	40 cm
Package 3 Weight	2.504 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

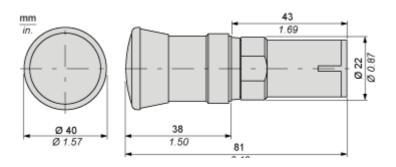
Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

Dimensions Drawings

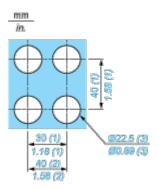
Non-illuminated Pushbutton



Mounting and Clearance

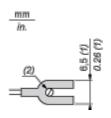
Mounting

Diameter of Finished Fixing Holes



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

"U" Type Tag Connection



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

Connections and Schema

Wiring

