# **Product datasheet**

Specifications





# Emergency stop $\emptyset$ 22 - red - mushroom head $\emptyset$ 40 mm - turn to release - 1 NC

XB7NS8442

### 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	Turn to release	
Operator Profile	Red mushroom Ø 40 mm, unmarked	
Contacts Type And Composition	1 NC	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end conforming to IEC 60947-1	
Device Presentation	Monolithic product	

# Complementary

•		
Cad Overall Width	40 mm	
Cad Overall Height	40 mm	
Cad Overall Depth	72 mm	
Terminals Description Iso N°1	(11-12)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	
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	

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

Jun 13, 2024 Life Is On Schneider 1

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	
lema Degree Of Protection NEMA 12 conforming to UL 50 NEMA 3 conforming to UL 50		
Standards	IEC 60947-1 UL 508 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-5 IEC 60364-5-53 IEC 60204-1 ISO 13850	
Product Certifications	CCC GOST	
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 cm
Package 1 Width	8 cm
Package 1 Length	16 cm
Package 1 Weight	46 g
Unit Type Of Package 2	BAG
Number Of Units In Package 2	10
Package 2 Height	15 cm
Package 2 Width	8 cm
Package 2 Length	16 cm

Package 2 Weight	468 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	2.67 kg

# **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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

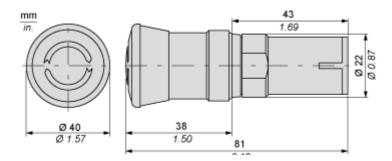
<b>⊘</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

## **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**

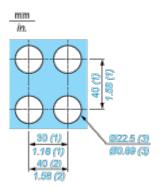
#### **Non-illuminated Pushbutton**



Mounting and Clearance

#### Mounting

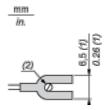
#### **Diameter of Finished Fixing Holes**



- (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.

## XB7NS8442

### "U" Type Tag Connection



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

# **Product datasheet**

## XB7NS8442

Connections and Schema

Wiring

