# Product data sheet

Specifications





Monolithic emergency stop, Harmony XB7, plastic, red mushroom 40mm, 22mm, latching turn to release, 1NO+1NC

XB7NS8445

Product availability: Stock - Normally stocked in distribution facility

Price\*: 82.50 USD

#### Main

Range Of Product	Harmony XB7	
Product Or Component Type	Emergency stop push-button	
Device Short Name	XB7	
Mounting Diamete	0.87 in (22 mm)	
Sale Per Indivisible Quantity	10	
Shape Of Signaling Unit Head	Round	
Type Of Operator	mechanical latching	
Reset	Turn to release	
Operator Profile	Red mushroom Ø 40 mm, unmarked	
Contacts Type And Composition	1 NO + 1 NC	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end IEC 60947-1	
Device Presentation	Monolithic product	

### Complementary

Cad Overall Width	1.57 in (40 mm)	
Cad Overall Height	1.57 in (40 mm)	
Cad Overall Depth	2.83 in (72 mm)	
Terminals Description Iso N°1	(13-14)NO (21-22)NC	
Net Weight	0.08 lb(US) (0.035 kg)	
Device Mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 IEC 60947-1	
Fixing Center	>= 30 x 40 mm support panel) metal 0.040.24 in (16 mm) >= 30 x 40 mm support panel) plastic 0.080.24 in (26 mm)	
Fixing Mode	Fixing nut beneath head 17.7021.24 lbf.in (22.4 N.m)	
Contact Operation	Snap action	
Contacts Usage	Standard	
Positive Opening	With IEC 60947-5-1 appendix K	
Mechanical Durability	100000 cycles	
Tightening Torque	7.0810.62 lbf.in (0.81.2 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.

Shape Of Screw Head	Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm	
Short-Circuit Protection	4 A cartridge fuse gG IEC 60947-5-1	
[Ui] Rated Insulation Voltage	250 V 3)IEC 60947-1	
[Uimp] Rated Impulse Withstand Voltage	4 kV IEC 60947-1	
[le] Rated Operational Current	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	
Electrical Durability	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	
Electrical Reliability	Λ < 5 x 10exp(-7) 17 V 5 mA IEC 60947-5-4	

## **Environment**

Protective Treatment	TH	
Ambient Air Temperature For Storage	Air Temperature For -40158 °F (-4070 °C)	
Ambient Air Temperature For Operation	-13158 °F (-2570 °C)	
Electrical Shock Protection Class	Class II IEC 60536	
Ip Degree Of Protection	IP20 IEC 60529 rear face) IP65 IEC 60529 front face)	
Nema Degree Of Protection	NEMA 12 UL 50 NEMA 3 UL 50	
Standards	IEC 60947-5-5 UL 508 IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60364-5-53 IEC 60204-1 ISO 13850	
Product Certifications	GOST CCC	
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6	
Shock Resistance	15 gn 11 ms) half sine wave acceleration IEC 60068-2-27	

# Ordering and shipping details

Category	US10CS222464	
Discount Schedule	0CS2	
Gtin	3606480465604	
Returnability	Yes	
Country Of Origin	US	

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.15 in (8.0 cm)

Package 1 Width	5.91 in (15.0 cm)
Package 1 Length	6.30 in (16.0 cm)
Package 1 Weight	1.69 oz (48.0 g)
Unit Type Of Package 2	BAG
Number Of Units In Package 2	10
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	3.15 in (8.0 cm)
Package 2 Length	6.30 in (16.0 cm)
Package 2 Weight	17.25 oz (489.0 g)
Unit Type Of Package 3	S01
Number Of Units In Package 3	50
Package 3 Height	5.91 in (15 cm)
Package 3 Width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	6.18 lb(US) (2.803 kg)

## **Contractual warranty**

Warranty 18 months

## Sustainability Screen Premium

**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

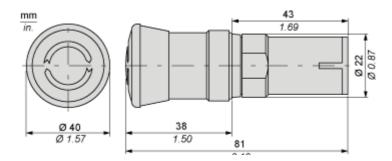
<b>Ø</b>	Reach Free Of Svhc	
<b>Ø</b>	Toxic Heavy Metal Free	
	Mercury Free	
<b>9</b>	Rohs Exemption Information	Yes

#### **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
California Proposition 65	WARNING: 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 www.P65Warnings.ca.gov

### **Dimensions Drawings**

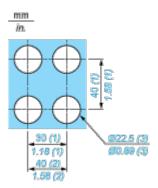
#### **Non-illuminated Pushbutton**



Mounting and Clearance

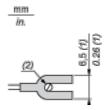
#### Mounting

#### **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.

## **Product data sheet**

### XB7NS8445

Connections and Schema

#### Wiring

