

Product datasheet

Specifications



Harmony XB5. Emergency stop .
plastic. red mushroom Ø40. Ø22.
trigger latching turn to release.
monitoring contact. 1 NO + 2 NC

XB5AS84449

! Discontinued

! Discontinued on: 20 Nov 2023

Price: 1,869.64 ZAR

Main

Range Of Product	Harmony XB5
Product Or Component Type	Emergency stop push-button
Device Short Name	XB5
Bezel Material	Plastic
Fixing Collar Material	Plastic
Head Type	Standard
Mounting Diamete	22 mm
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Round
Type Of Operator	trigger action and mechanical latching with mechanical state indicator
Reset	Push-pull Turn to release
Operator Profile	Red mushroom Ø 40 mm, unmarked
Contact Operation	Slow-break
Connections - Terminals	Screw clamp terminals, <= 1.25 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, <= 1.25 mm² without cable end conforming to IEC 60947-1
Device Presentation	Complete product

Complementary

Height	42 mm
Width	42 mm
Depth	79.5 mm
Terminals Description Iso N°1	(13-14)NO (21-22)NC (11-12)NC
Net Weight	0.0905 kg
Contacts Usage	Monitoring contact
Positive Opening	With conforming to IEC 60947-5-1 appendix K
Mechanical Durability	100000 cycles
Tightening Torque	0.8...1.5 N.m conforming to IEC 60947-1

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Shape Of Screw Head	Slotted compatible with flat Ø 5.5 mm screwdriver Cross compatible with JIS No 2 screwdriver Cross compatible with Philips No 2 screwdriver
Contacts Material	Silver alloy - gold plated (Ag/Cu)
Short-Circuit Protection	10 A cartridge fuse type gG conforming to IEC 60947-5
[Ith] Conventional Free Air Thermal Current	5 A conforming to IEC 60947-5-1
[Uij] Rated Insulation Voltage	250 V (pollution degree 2) conforming to IEC 61140
[Uimp] Rated Impulse Withstand Voltage	2.5 kV conforming to IEC 60947-1
[Ie] Rated Operational Current	1.5 A at 240 V, AC-15, B300 conforming to IEC 60947-5-1 3 A at 120 V, AC-15, B300 conforming to IEC 60947-5-1 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
Electrical Durability	100000 cycles, AC-15, 1.5 A at 240 V, operating rate <1800 cyc/h, load factor: 0.4 conforming to IEC 60947-5-1 appendix C 100000 cycles, AC-15, 3 A at 120 V, operating rate <1800 cyc/h, load factor: 0.4 conforming to IEC 60947-5-1 appendix C 100000 cycles, DC-13, 0.1 A at 250 V, operating rate <1800 cyc/h, load factor: 0.4 conforming to IEC 60947-5-1 appendix C 100000 cycles, DC-13, 0.22 A at 125 V, operating rate <1800 cyc/h, load factor: 0.4 conforming to IEC 60947-5-1 appendix C

Environment

Ambient Air Temperature For Storage	-40...80 °C
Ambient Air Temperature For Operation	-20...60 °C
Overvoltage Category	Class II conforming to IEC 61140
Ip Degree Of Protection	IP65 (front face) conforming to IEC 60529 IP2X (back face)
Standards	IEC 60947-5-1 CSA C22.2 No 14 UL 508 JIS C8201-5-1 IEC 60947-5-5 IEC 60204-1 IEC 60947-1 ISO 13850 JIS C8201-1
Product Certifications	CSA UL listed
Vibration Resistance	50 m/s² (f= 10...500 Hz) conforming to IEC 60068-2-6
Shock Resistance	150 m/s² (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	4.699 cm
Package 1 Width	8.204 cm
Package 1 Length	8.999 cm
Package 1 Weight	150.0 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	12
Package 2 Height	15 cm

Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	1.75 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	144
Package 3 Height	75 cm
Package 3 Width	40 cm
Package 3 Length	80 cm
Package 3 Weight	46.6 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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 >](#)

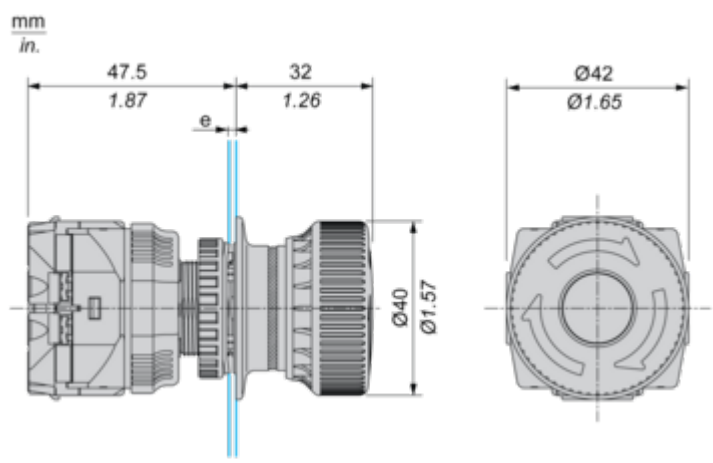
[Guide to assess a product's sustainability >](#)

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
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
Weee		The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

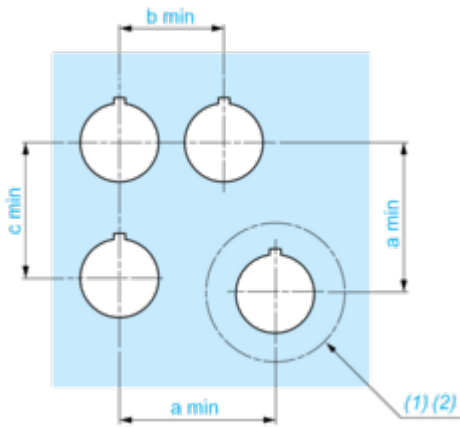


(e) Clamping thickness: 1 mm to 6 mm / 0.03 in to 0.24 in

Mounting and Clearance

Panel Cut-out for Emergency Stop Push Button (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals

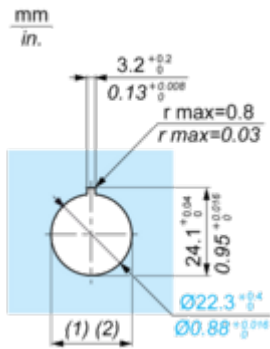


(1) Diameter on finished panel or support

(2) Ø42 mm recommended / Ø1.65 in. recommended (Head diameter)

Connections	a in mm	a in in.	b in mm	b in in.	c in mm	c in in.
By screw terminals	45	1.77	30	1.18	40	1.57

Connection by Screw Clamp Terminals



- (1) Diameter on finished panel or support
- (2) Ø22.5 mm recommended (Ø22.3 0+0.4) / Ø0.89 in. recommended (Ø0.88 in. 0+0.016)