Product data sheet

Specifications





Emergency stop switching off, Harmony XB5, plastic, red mushroom 40mm, 22mm trigger latching push pull, 1NO+1NC

XB5AT845

Product availability: Stock - Normally stocked in distribution facility

Price*: 101.00 USD

Main

Range Of Product	Harmony XB5				
Product Or Component Type	Emergency stop push-button Emergency switching off push-button				
Device Short Name	XB5				
Bezel Material	Dark grey plastic				
Fixing Collar Material	Plastic				
Head Type	Standard				
Mounting Diamete	0.87 in (22 mm)				
Sale Per Indivisible Quantity	1				
Shape Of Signaling Unit Head	Round				
Type Of Operator	trigger action and mechanical latching				
Reset	Push-pull				
Operator Profile	Red mushroom Ø 40 mm, unmarked				
Contact Operation	Slow-break				
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end IEC 60947-1				
Device Presentation	Complete product				

Complementary

Height	1.69 in (43 mm)
Width	1.57 in (40 mm)
Depth	3.23 in (82 mm)
Terminals Description Iso N°1	(13-14)NO (11-12)NC
Net Weight	0.14 lb(US) (0.065 kg) 0.17 lb(US) (0.076 kg)
Resistance To High Pressure Washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Contacts Usage	Standard contacts
Positive Opening	With IEC 60947-5-1 appendix K

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

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

Operating Travel	0.06 in (1.5 mm) NC changing electrical state) 0.10 in (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel)
Operating Force	50 N
Mechanical Durability	300000 cycles
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) IEC 60947-1
Shape Of Screw Head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	10 A cartridge fuse gG IEC 60947-5-1
[Ith] Conventional Free Air Thermal Current	10 A IEC 60947-5-1
[Ui] Rated Insulation Voltage	600 V 3)IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV IEC 60947-1
[le] Rated Operational Current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical Reliability	Λ < 10exp(-6) 5 V, 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V, 5 mA in clean environment IEC 60947-5-4

Environment

Protective Treatment	тн
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-40158 °F (-4070 °C)
Overvoltage Category	Class II IEC 60536
Ip Degree Of Protection	IP66 IEC 60529 IP67 IP69 IP69K
Nema Degree Of Protection	NEMA 13 NEMA 4X
Ik Degree Of Protection	IK03 conforming to IEC 50102
Standards	IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60364-5-53 IEC 60204-1 IEC 60947-1 ISO 13850 IEC 60947-5-5 UL 508 JIS C8201-1

Product Certifications	BV CSA DNV GL UL Listed LROS (Lloyds register of shipping)
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6
Shock Resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
Gtin	3389110903751
Returnability	Yes
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.46 in (8.8 cm)
Package 1 Width	2.09 in (5.3 cm)
Package 1 Length	1.69 in (4.3 cm)
Package 1 Weight	2.61 oz (74 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	42
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	7.65 lb(US) (3.468 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 >



RoHS/REACh

Well-being performance

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

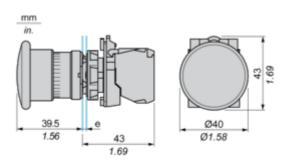
Certifications & Standards

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				
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.				
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				

Product data sheet

Dimensions Drawings

Dimensions



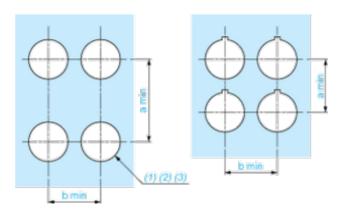
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Product data sheet

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board

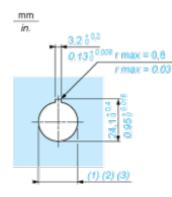


(1) Diameter on finished panel or support

(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended. (3) \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$)

				0 .
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



(1) Diameter on finished panel or support

- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) \emptyset 22.5 mm recommended (\emptyset 22.3 $_0^{+0.4}$) / \emptyset 0.89 in. recommended (\emptyset 0.88 in. $_0^{+0.016}$)