Product data sheet

Specification





Push button, Harmony XB5, plastic, flush, black, 22mm, spring return, unmarked, 1NO+1NC

XB5AA25

Product availability: Stock - Normally stocked in distribution

Price*: 56.00 USD

Main

Range Of Product	Harmony XB5	
Product Or Component Type	Push-button	
Device Short Name	XB5	
Bezel Material	Plastic Dark grey plastic	
Head Type	Standard	
Fixing Collar Material	Plastic	
Mounting Diamete	0.89 in (22.5 mm)	
Sale Per Indivisible Quantity	1	
Shape Of Signaling Unit Head	Round	
Type Of Operator	spring return	
Operator Profile	Black flush, unmarked	
Contacts Type And Composition	1 NO + 1 NC	
Contact Operation	Slow-break	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end IEC 60947-1	

Complementary

Height	1.65 in (42 mm)	
Width	1.18 in (30 mm)	
Depth	2.05 in (52 mm)	
Terminals Description Iso N°1	(13-14)NO (21-22)NC	
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	
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	orce 3.5 N NC changing electrical state 3.8 N NO changing electrical state	
Mechanical Durability	10000000 cycles	

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

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 6 kV IEC 60947-1 Voltage		
[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	
Device Presentation	Complete product	
Customizable	No	
Customizable	1	
Gcr Bridge	XB5AACUST04	
Compatibility Code	XB5	

Environment

Protective Treatment	ent TH	
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	
k Degree Of Protection IK03 conforming to IEC 50102		
Standards	UL 508 JIS C8201-5-1 IEC 60947-5-4 IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14 JIS C8201-1	
Product Certifications	DNV UL Listed GL BV CSA RINA 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

Ordering and shipping details

Category	US10CS222467	
Discount Schedule	0CS2	
Gtin	3389110842173	
Returnability	Yes	
Country Of Origin	FR	

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	1.26 in (3.2 cm)	
Package 1 Width	2.13 in (5.4 cm)	
Package 1 Length	3.23 in (8.2 cm)	
Package 1 Weight	1.59 oz (45.0 g)	
Unit Type Of Package 2	S03	
Number Of Units In Package 2	100	
Package 2 Height	11.81 in (30 cm)	
Package 2 Width	11.81 in (30 cm)	
Package 2 Length	15.75 in (40 cm)	
Package 2 Weight	11.06 lb(US) (5.015 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

②	Reach Free Of Svhc	
②	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
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