Product data sheet

Specification





Push button, Harmony XB5, plastic, black mushroom 40mm, 22mm, spring return, unmarked, 1NO

XB5AC21

Product availability: Stock - Normally stocked in distribution facility

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	0.87 in (22 mm)				
Sale Per Indivisible Quantity	1				
Shape Of Signaling Unit Head	Round				
Type Of Operator	spring return				
Operator Profile	Black mushroom Ø 40 mm				
Contacts Type And Composition	1 NO				
Contact Operation	Slow-break				
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN/IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm² without cable end EN/IEC 60947-1 Faston connectors 1 x 6.35 mm Faston connectors 2 x 2.8 mm				

Complementary

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Height	1.69 in (43 mm)
Width	1.57 in (40 mm)
Depth	3.23 in (82 mm)
Net Weight 0.14 lb(US) (0.062 kg)	
Resistance To High Pressure Washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Contacts Usage	Standard contacts
Positive Opening	Without
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	3.5 N NC changing electrical state 3.8 N NO changing electrical state

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

Mechanical Durability	5000000 cycles				
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) EN 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 EN/IEC 60947-5-1				
[Ith] Conventional Free Air 10 A EN/IEC 60947-5-1 Thermal Current					
[Ui] Rated Insulation Voltage	600 V 3)EN/IEC 60947-1				
[Uimp] Rated Impulse Withstand 6 kV EN/IEC 60947-1 Voltage					
[le] Rated Operational Current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1				
Electrical Durability	1000000 cycles AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C				
Electrical Reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment EN/IEC 60947-5-4				
Device Presentation	Complete product				
Customizable	No				
Customizable	1				
Gcr Bridge	XB5ACCUST01				
Compatibility Code	XB5				

Environment

тн	
-40158 °F (-4070 °C)	
-40158 °F (-4070 °C)	
Class II IEC 60536	
IP65 IEC 60529 IP69 IP69K	
NEMA 13 NEMA 4X	
IK03 conforming to IEC 50102	
JIS C8201-5-1 CSA C22.2 No 14 UL 508 EN/IEC 60947-5-4 EN/IEC 60947-5-1 EN/IEC 60947-1 JIS C8201-1	

Product Certifications	BV CSA UL Listed RINA GL DNV LROS (Lloyds register of shipping) 5 gn 2500 Hz)IEC 60068-2-6		
Vibration Resistance			
Shock Resistance	10 gn 11 ms) half sine wave acceleration IEC 60068-2-27		

Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
Gtin	3389110134452
Returnability	Yes
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	1.77 in (4.500 cm)	
Package 1 Width	2.17 in (5.500 cm)	
Package 1 Length	3.54 in (9.000 cm)	
Package 1 Weight	2.22 oz (63.000 g)	
Unit Type Of Package 2 S02		
Number Of Units In Package 2	42	
Package 2 Height	5.91 in (15.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	6.35 lb(US) (2.879 kg)	
Unit Type Of Package 3	P06	
Number Of Units In Package 3	672	
Package 3 Height 29.53 in (75.000 cm)		
Package 3 Width	31.50 in (80.000 cm)	
Package 3 Length	23.62 in (60.000 cm)	
Package 3 Weight	119.19 lb(US) (54.064 kg)	

Contractual warranty

Warranty 18 months

Sustainability Green 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

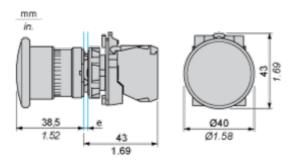
Ø	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
Ø	Mercury Free	
9	Rohs Exemption Information	Yes

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

Dimensions



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

XB5AC21

Mounting and Clearance

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

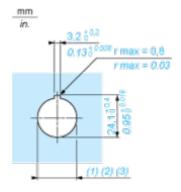
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)

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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) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 in. $_0^{+0.016}$)