# Product data sheet

Specifications





Push button, Harmony XB5, plastic, projecting, black, 22mm, spring return, booted, unmarked, 1NO

XB5AP21

Product availability: Stock - Normally stocked in distribution facility

#### Price\*: 53.00 USD

#### Main

Range Of Product	Harmony XB5
Product Or Component Type	Push-button
Device Short Name	XB5
Product Compatibility	Not compatible with legend holder
Bezel Material	Plastic Dark grey plastic
Head Type	Standard
Fixing Collar Material	Plastic
Mounting Diameter	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 projecting, unmarked
Operator Additional Information	Clear boot
Contacts Type And Composition	1 NO
Contact Operation	Slow-break
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.222 x 2.5 mm <sup>2</sup> without cable end IEC 60947-1

#### Complementary

Height	1.65 in (42 mm)
Width	1.18 in (30 mm)
Depth	2.40 in (61 mm)
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.09 lb(US) (0.039 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	0.10 in (2.6 mm) NO changing electrical state) 0.17 in (4.3 mm) total travel)

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

3.8 N NO changing electrical state			
10000000 cycles			
7.0810.62 lbf.in (0.81.2 N.m) IEC 60947-1			
Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm			
Silver alloy (Ag/Ni)			
10 A cartridge fuse gG IEC 60947-5-1			
10 A IEC 60947-5-1			
600 V 3)IEC 60947-1			
6 kV IEC 60947-1			
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			
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			
$\Lambda$ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4 $\Lambda$ < 10exp(-8) 17 V 5 mA in clean environment IEC 60947-5-4			
Complete product			
No			
1			
XB5APCUST01			
XB5			

#### 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
Nema Degree Of Protection	NEMA 13 NEMA 4X
Ik Degree Of Protection	IK03 conforming to IEC 50102
Standards	UL 508 IEC 60947-1 JIS C8201-5-1 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-1

Product Certifications	BV CSA LROS (Lloyds register of shipping) DNV RINA GL UL Listed	CSA LROS (Lloyds register of shipping) DNV RINA GL	
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6		
Shock Resistance	stance30 gn 18 ms) half sine wave acceleration IEC 60068-2-2750 gn 11 ms) half sine wave acceleration IEC 60068-2-27		

## Ordering and shipping details

Category	US10CS222467
Discount Schedule	0CS2
Gtin	3389110903676
Returnability	Yes
Country Of Origin	МХ

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.34 in (3.4 cm)
Package 1 Width	2.13 in (5.4 cm)
Package 1 Length	3.46 in (8.8 cm)
Package 1 Weight	1.41 oz (40.0 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	10.00 lb(US) (4.537 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

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

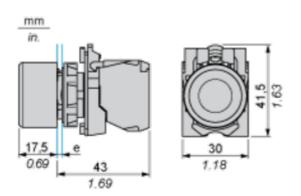
#### **Certifications & Standards**

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				
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				

## Product data sheet

#### **Dimensions Drawings**

#### Dimensions



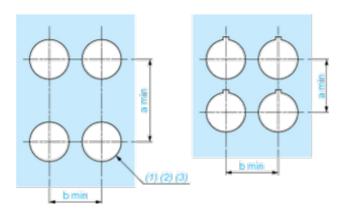
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

#### 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

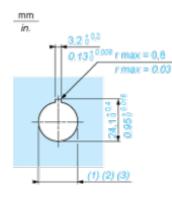


(1) Diameter on finished panel or support

(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.  $_0^{+0.016}$ )

5				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.  $_0^{+0.016}$ )