



Selector switch, Harmony XB5, plastic, black, 22mm, 2 positions, stay put, 1NO+1NC

XB5AD25

Product availability: Stock - Normally stocked in distribution facility

Price*: 68.00 USD

Main

Range of Product	Harmony XB5	
Product or Component Type	Selector switch	
Device short name	XB5	
Bezel material	Dark grey plastic	
Head type	Standard	
Mounting diameter	0.9 in (22.5 mm)	
Sale per indivisible quantity	1	
Shape of signaling unit head	Round	
Type of operator	stay put	
Operator profile	Black standard handle	
Operator position information	2 positions 90°	
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 0.22 mm² without cable end IEC 60947-1	

Complementary

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Height	1.7 in (42 mm)	
Width	1.2 in (30 mm)	
Depth	2.8 in (70 mm)	
Terminals description ISO n°1	(13-14)NO	
Net Weight	0.095 lb(US) (0.043 kg)	
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	
Contacts usage	Standard contacts	
Positive opening	With IEC 60947-5-1 appendix K	
Torque value	1.24 lbf.in (0.14 N.m) NO changing electrical state	
Mechanical durability	1000000 cycles	
Tightening torque	7.0810.6 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	

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

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			
Device presentation	Complete product			

Environment

Protective treatment	ТН		
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)		
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)		
Electrical shock protection class	Class II IEC 60536		
IP degree of protection	IP67 IEC 60529 IP69 IP69K		
NEMA degree of protection	NEMA 13 NEMA 4X		
IK degree of protection IK04 conforming to IEC 50102			
Standards	CSA C22.2 No 14 IEC 60947-5-1 UL 508 IEC 60947-5-4 IEC 60947-1 JIS C8201-5-1 JIS C8201-1		
Product Certifications	BV UL CSA DNV 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	3389110134506
Returnability	Yes

Country of origin FR

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.5 in (9.0 cm)
Package 1 Width	2.1 in (5.4 cm)
Package 1 Length	3.4 in (8.7 cm)
Package 1 Weight	1.8 oz (51.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	150
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	18.060 lb(US) (8.192 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

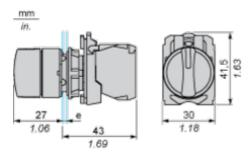
②	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
Ø	Mercury Free	
⊘	Rohs Exemption Information	Yes

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"			

Dimensions Drawings

Dimensions



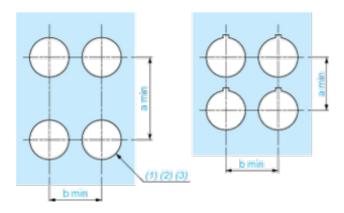
 $\boldsymbol{e}\text{:}$ clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

XB5AD25

Mounting and Clearance

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

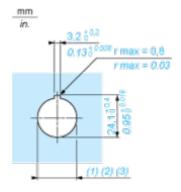
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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

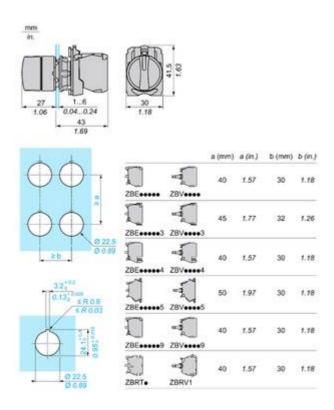
Detail of Lug Recess



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Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative











