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



Selector switch, Harmony XB6, black round, 16mm, 2 positions, stay put, 1NO

XB6AD221B

Main

Range of product	Harmony XB6	
Product or component type	Complete selector switch	
Device short name	XB6	
Bezel material	Plastic	
Mounting diameter	16 mm	
Sale per indivisible quantity	1	
Operating position	Any position	
Shape of signaling unit head	Round	
Type of operator	stay put	
Operator profile	Black standard handle	
Operator position information	2 positions 60°	
Contacts type and composition	1 NO + 1 NC	
Contact operation	Slow-break	

Complementary

Height	18 mm	
Width	18 mm	
Depth	68 mm	
Terminals description ISO n°1	(13-14)NO	
Net weight	0.021 kg	
Positive opening	With conforming to IEC 60947-5-1 appendix K	
Mechanical durability	500000 cycles	
Connections - terminals	Faston connectors, connection size: 2.8 x 0.5 mm	
Contacts material	Silver alloy (Ag/Ni)	
Short-circuit protection	6 A cartridge fuse type gG	
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1	
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-1	
[le] rated operational current	3 A at 120 V, AC-15, B300 conforming to IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to IEC 60947-5-1	

1.5 A at 240 V, AC-15, B300 conforming to IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to IEC 60947-5-1

Electrical durability	1000000 cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical reliability	Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4

Environment

Protective treatment	TC	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2570 °C	
Electrical shock protection class	Class II conforming to IEC 61140	
IP degree of protection	IP65 conforming to IEC 60529	
NEMA degree of protection	NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94	
Standards	IEC 60947-5-5 JIS C8201-5-1 IEC 60947-1 UL 508 IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 JIS C8201-1	
Product certifications	UL CSA CCC GOST	
Vibration resistance	+/- 3 mm (f= 2500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27	

Packing Units

Number of Units in Package 1 1 Package 1 Height 2.9 cm Package 1 Width 4.2 cm Package 1 Length 13.0 cm Package 1 Weight 14.0 g Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm		
Package 1 Height 2.9 cm Package 1 Width 4.2 cm Package 1 Length 13.0 cm Package 1 Weight 14.0 g Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Unit Type of Package 1	PCE
Package 1 Width 4.2 cm Package 1 Length 13.0 cm Package 1 Weight 14.0 g Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Number of Units in Package 1	1
Package 1 Length 13.0 cm Package 1 Weight 14.0 g Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Package 1 Height	2.9 cm
Package 1 Weight 14.0 g Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Package 1 Width	4.2 cm
Unit Type of Package 2 S01 Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Package 1 Length	13.0 cm
Number of Units in Package 2 60 Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Package 1 Weight	14.0 g
Package 2 Height 15.0 cm Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Unit Type of Package 2	S01
Package 2 Width 15.0 cm Package 2 Length 40.0 cm	Number of Units in Package 2	60
Package 2 Length 40.0 cm	Package 2 Height	15.0 cm
	Package 2 Width	15.0 cm
Package 2 Weight 1.001 kg	Package 2 Length	40.0 cm
	Package 2 Weight	1.001 kg

Contractual warranty

Warranty

Aug 23, 2025

18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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

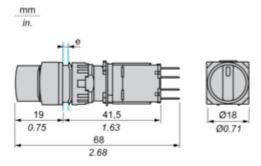
Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Circular Head Selector Switch, Standard Handle

Dimensions



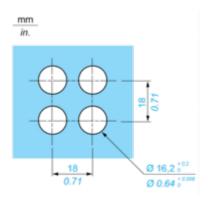
e panel thickness 1 to 6 mm/0.03 to 0.23 in.

XB6AD221B

Mounting and Clearance

Panel Cut-out

For Square or Circular Head



Technical Illustration

Dimensions

