

# Product data sheet

Specifications



## Selector switch, Harmony XB6, black rectangular, 16mm, 2 positions, stay put, 1NO + 1NC

XB6DD221B

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range of Product	Harmony XB6
Product or Component Type	Complete selector switch
Device short name	XB6
Bezel material	Plastic
Mounting diameter	0.6 in (16 mm)
Sale per indivisible quantity	1
Operating position	Any position
Shape of signaling unit head	Rectangular
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	0.7 in (18 mm)
Width	0.9 in (24 mm)
Depth	2.7 in (68 mm)
Terminals description ISO n°1	(13-14)NO
Net Weight	0.046 lb(US) (0.021 kg)
Positive opening	With IEC 60947-5-1 appendix K
Mechanical durability	500000 cycles
Connections - terminals	Faston connectors 2.8 x 0.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse gG
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
[Ie] rated operational current	3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C

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

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Electrical reliability  $\Lambda = 10\exp(-8) 5 V 1 mA$  with confidence level of 90 % IEC 60947-5-4

## Environment

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Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Electrical shock protection class	Class II conforming to IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	IEC 60947-5-5 JIS C8201-5-1 IEC 60947-1 JIS C 852 IEC 60947-5-1 CSA C22.2 No 14 UL 508 JIS C8201-1
Product Certifications	UL CCC CSA GOST
Vibration resistance	+/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f= 2...500 Hz) conforming to 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

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Category	US10CS222459
Discount Schedule	0CS2
GTIN	3389110764574
Returnability	Yes
Country of origin	FR

## Packing Units

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Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.79 in (2.000 cm)
Package 1 Width	3.54 in (9.000 cm)
Package 1 Length	4.72 in (12.000 cm)
Package weight(Lbs)	0.529 oz (15.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)

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Package 2 Weight

2.370 lb(US) (1.075 kg)

## Contractual warranty

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Warranty

18 months



## Environmental Data

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

Carbon footprint (kg CO2 eq, Total Life cycle) 1

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

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](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

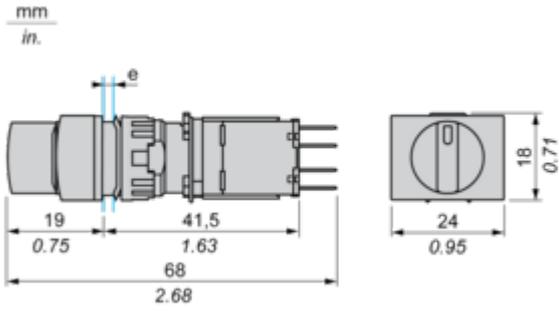
WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Rectangular Head Selector Switch, Standard Handle

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Dimensions



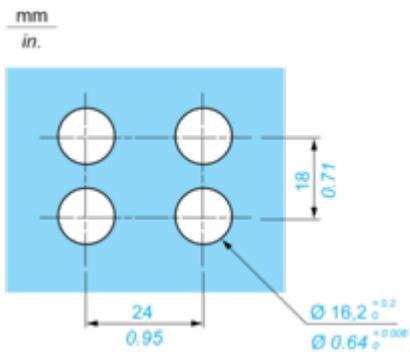
e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Mounting and Clearance

Panel Cut-out

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For Rectangular Head



Technical Illustration

Dimensions

mm  
in.

