## Product data sheet Characteristics

## XB6DD235B

black complete rectangular selector switch Ø16 3-position stay put 1NO+1NC

#### 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	Rectangular
Type of operator	Stay put
Operator profile	Black standard handle
Operator position information	3 positions 60°
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break

#### Complementary

Complementary	
Height	18 mm
Width	24 mm
Depth	68 mm
Terminals description ISO n°1	(13-14)NO (21-22)NC
Product weight	0.024 kg
Positive opening	With positive opening conforming to EN/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 type gG
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
[le] rated operational current	3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda$ = 10exp(-8) at 5 V, 1 mA with confidence level of 90 % conforming-to EN 60947-5-4
Compatibility code	XB6

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherended as a substitute for and is not to be used for determining suitability or reliability of these products by specific base applications. It is the dourn arise and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

### 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 4 conforming to CSA C22.2 No 94 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	CCC CSA GOST UL
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

## Contractual warranty

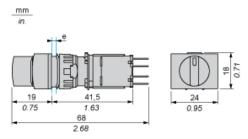


# Product data sheet Dimensions Drawings

## XB6DD235B

## Rectangular Head Selector Switch, Standard Handle

### Dimensions



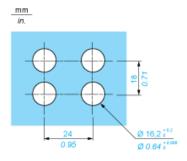
e panel thickness 1 to 6 mm/0.03 to 0.23 in.

## Product data sheet Mounting and Clearance

## XB6DD235B

### Panel Cut-out

## For Rectangular Head



Product Life Status: Commercialised