Product data sheet
Characteristics

XB6AD221B
Selector switch, Harmony XB6, black round, 16mm, 2 positions, stay put, 1NO



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
[Ie] 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 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 IE 1000000 Cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IE
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	-40…70 °C
Ambient air temperature for operation	-25…70 °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[RETURN]CSA[RETURN]CCC[RETURN]GOST
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 Cm
Package 1 Width	5.500 Cm
Package 1 Length	6.000 Cm
Package 1 Weight	19.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	75
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	1.808 Kg

Offer Sustainability

Recyclability potential, in %	17
Total lifecycle Carbon footprint	0.3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.312750934
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0018307223
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0015783562
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0254004981
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes

Packaging without single use plastic	No
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP),
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised