Product datasheet





Selector switch, plastic, black, Ø22, 3 positions, stay put, 2 NO

XB5AD33

Main

Range of product	Harmony XB5	
Product or component type	Selector switch	
Device short name	XB5	
Bezel material	Dark grey plastic	
Head type	e Standard	
Mounting diameter	22.5 mm	
Sale per indivisible quantity	ible quantity 1	
Shape of signaling unit head	Round	
Type of operator	rator stay put	
Operator profile	Black standard handle	
Operator position information	ion information 3 positions +/- 45°	
Contacts type and composition	2 NO	
Contact operation	Slow-break	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1	

Complementary

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Height	42 mm	
Width	30 mm	
Depth	70 mm	
Terminals description ISO n°1	(13-14)NO	
Net weight	0.052 kg	
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m	
Contacts usage	Standard contacts	
Positive opening	Without	
Torque value	0.14 N.m NO changing electrical state	
Mechanical durability	rability 1000000 cycles	
Tightening torque	g torque 0.81.2 N.m conforming to IEC 60947-1	
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver	

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Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
[le] rated operational current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4
device presentation	Complete product
Environment protective treatment	тн
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP67 conforming to IEC 60529 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK04 conforming to IEC 50102
Standards	IEC 60947-1 IEC 60947-5-1 JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-4 UL 508 JIS C8201-1
Product certifications	UL GL LROS (Lloyds register of shipping) DNV CSA BV
Vibration resistance	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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	5.500 cm
Package 1 Length	9.100 cm
Package 1 Weight	51.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	150
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.120 kg
Unit Type of Package 3	P06
Number of Units in Package 3	1200
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	75.460 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

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

Certifications & Standards

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

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