Product datasheet

Specification





Push button, plastic, flush, blue, Ø22, spring return, unmarked, 1 NO

XB5AA61

Main

Range of product	Harmony XB5	
Product or component type	Push-button	
Device short name	XB5	
Bezel material	Plastic Dark grey plastic	
Head type	Standard	
Fixing collar material	Plastic	
Mounting diameter	22.5 mm	
Sale per indivisible quantity	antity 1	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	Blue flush, unmarked	
Contacts type and composition	1 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 0.222 x 2.5 mm² without cable end conforming to IEC 60947-1	

Complementary

Height	42 mm	
Width	30 mm	
Depth	52 mm	
Terminals description ISO n°1	(13-14)NO	
Net weight	0.037 kg	
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m	
Contacts usage	Standard contacts	
Positive opening	Without	
Operating travel	2.6 mm (NO changing electrical state) 4.3 mm (total travel)	
Operating force	3.8 N NO changing electrical state	
Mechanical durability	ty 10000000 cycles	
Tightening 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	
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	t 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 and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA in clean environment conforming to IEC 60947-5-4	
device presentation	Complete product	
Customizable	No	
Customizable	1	
GCR BRIDGE	XB5AACUST01	
Compatibility code Environment	XB5	
protective treatment	TH	
Ambient air temperature for	-4070 °C	
storage Ambient air temperature for	-4070 °C	
operation Overvoltage category	Class II conforming to IEC 60536	
IP degree of protection	•	
ir degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K	
NEMA degree of protection	NEMA 13 NEMA 4X	
IK degree of protection	IK03 conforming to IEC 50102	
Standards	JIS C8201-5-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-4 UL 508 JIS C8201-1	

JIS C8201-1

Product certifications	BV GL LROS (Lloyds register of shipping) UL listed RINA CSA DNV	
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Shock resistance	stance 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	8.800 cm	
Package 1 Width	3.400 cm	
Package 1 Length	5.400 cm	
Package 1 Weight	36.000 g	
Unit Type of Package 2	BB1	
Number of Units in Package 2	5	
Package 2 Height	8.800 cm	
Package 2 Width	3.400 cm	
Package 2 Length	26.500 cm	
Package 2 Weight	180.000 g	
Unit Type of Package 3	S03	
Number of Units in Package 3	150	
Package 3 Height	30.000 cm	
Package 3 Width	3 Width 30.000 cm	
Package 3 Length	40.000 cm	
Package 3 Weight	5.866 kg	

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





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

03-Sept-2024