

Push button, Harmony XB7, PB, Spring Rtn, green, 2 NO

XB7NA33

EAN Code: 3606480470066

Main

Range of product	Harmony XB7	
Product or component type	Push-button	
Device short name	XB7	
Mounting diameter	22 mm	
Sale per indivisible quantity	10	
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	Green flush, unmarked	
Contacts type and composition	2 NO	
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end conforming to IEC 60947-1	
Device presentation	Monolithic product	

Complementary

CAD overall width	29 mm	
CAD overall height	29 mm	
CAD overall depth	51.5 mm	
Terminals description ISO n°1	(13-14)NO (23-24)NO	
Product weight	0.021 kg	
Device mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to IEC 60947-1	
Fixing center	>= 30 x 40 mm (support panel) metal - thickness: 16 mm >= 30 x 40 mm (support panel) plastic - thickness: 26 mm	
Fixing mode	Fixing nut beneath head: 22.4 N.m	
Contact operation	Slow-break	
Positive opening	With (only NO)	
Mechanical durability	1000000 cycles	
Tightening torque	0.81.2 N.m conforming to IEC 60947-1	
Shape of screw head	Cross compatible with JIS No 1 screwdriver 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

Short-circuit protection	4 A cartridge fuse type gG conforming to IEC 60947-5-1	
[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	
[le] rated operational current	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	
	0.3 A at 240 V, AC-14, D300 conforming to IEC 60947-5-1	
	0.6 A at 120 V, AC-14, D300 conforming to IEC 60947-5-1	
Electrical durability	1000000 cycles, DC-13, 0.3 A at 24 V, operating rate <216000 cyc/mn, load factor:	
	0.5 conforming to IEC 60947-5-1 appendix C	
	1000000 cycles, AC-15, 0.03 A at 230 V, operating rate <216000 cyc/mn, load factor:	
	0.5 conforming to IEC 60947-5-1 appendix C	
	1000000 cycles, AC-15, 0.09 A at 240 V, operating rate <108000 cyc/mn, load factor:	
	0.5 conforming to IEC 60947-5-1 appendix C	
Electrical reliability	Λ <= 10exp(-6) at 17 V, 5 mA conforming to IEC 60947-5-4	

Environment

Protective treatment	тн	
Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-2570 °C	
Overvoltage category	Class II conforming to IEC 61140	
NEMA degree of protection	NEMA 12 conforming to UL 50 E NEMA 3 conforming to UL 50 E	
Standards	CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-1 JIS C8201-5-1 UL 508 JIS C8201-1	
Product certifications	GOST CCC	
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Shock resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 18 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 cm
Package 1 Width	5 cm
Package 1 Length	15 cm
Package 1 Weight	23 g

Logistical informations

Country of origin ID

Contractual warranty

Warranty 18 months



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.eq.CO2 per CR, Total Life cycle)	1	

Use Better

Packaging without single use plastic	Yes
SCIP Number	A04d4774-6224-4743-8a81-6c194ff09180
China RoHS Regulation	China RoHS declaration

Use Again

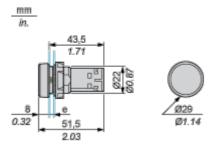
○ Repack and remanufacture	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No

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Dimensions Drawings

Pushbutton, Flush Type

Dimensions



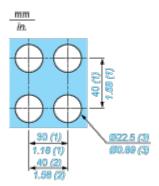
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

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Mounting and Clearance

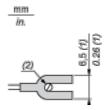
Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

"U" Type Tag Connection



- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Product datasheet

XB7NA33

Connections and Schema

Wiring

