



# PB - Spring Rtn, green - 2NO - WHITE "I"

XB7NA3331

- ! Discontinued on: 01-Nov-2020
- ! End-of-service on: 11-Jul-2022

① Discontinued

## Main

Range Of Product	Harmony XB7	
Product Or Component Type	Push-button	
Device Short Name	XB7	
Mounting Diamete	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, I (white)	
Contacts Type And Composition	2 NO	
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1  Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end conforming to EN/ IEC 60947-1	
Device Presentation	Monolithic product	

# Complementary

13-Jun-2024

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	
Net Weight	0.021 kg	
Device Mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/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 EN 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 EN/IEC 60947-5-1	
[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1	
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-1	
[le] Rated Operational Current	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	
	0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1	
	0.6 A at 120 V, AC-14, D300 conforming to EN/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 EN/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 EN/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 EN/IEC 60947-5-1 appendix C	
Electrical Reliability	Λ <= 10exp(-6) at 17 V, 5 mA conforming to EN/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	EN/IEC 60947-5-1 JIS C8201-5-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-1 JIS C8201-1	
Product Certifications	CCC GOST	
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	

# **Contractual warranty**



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Transparency RoHS/REACh

## Well-being performance

	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

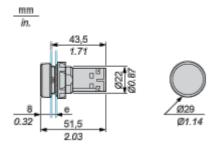
## **Certifications & Standards**

Reach Regulation	REACh Declaration
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

**Dimensions Drawings** 

## Pushbutton, Flush Type

#### **Dimensions**

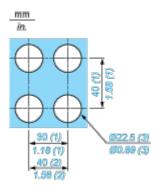


e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Mounting and Clearance

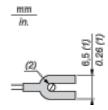
#### Mounting

## **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**

## **XB7NA3331**

Connections and Schema

## Wiring

