# **Product datasheet**

Specifications





# ILLUM. P.B - Bulb - Spring Rtn -1NO - Red - 230v

XB7NW3461

Discontinued on: Mar 28, 2024

① Discontinued

#### Main

Range Of Product	Harmony XB7
Product Or Component Type	Illuminated push-button
Device Short Name	XB7
Mounting Diameter	22 mm
Sale Per Indivisible Quantity	10
Light Source	Incandescent (bulb not included)
Device Presentation	Monolithic product

### Complementary

Height	29 mm
Width	29 mm
Depth	57.5 mm
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.022 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
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Red projecting, unmarked
Contacts Type And Composition	1 NO
Contact Operation	Slow-break
Positive Opening	Without
Mechanical Durability	300000 cycles
Connections - Terminals	Screw clamp terminals, $<= 2 \times 1.5 \text{ mm}^2$ with cable end conforming to IEC 60947-1 Screw clamp terminals, $1 \times 0.342 \times 2.5 \text{ mm}^2$ without cable end conforming to IEC 60947-1
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 and 5 mA conforming to IEC 60947-5-4
Signalling Type	Steady
Bulb Base	BA 9s
[Us] Rated Supply Voltage	230 V AC
Supply Voltage Limits	195264 V AC
Compatibility Code	XB7

## **Environment**

Protective Treatment	тн
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-2555 °C
Electrical Shock Protection Class	Class II conforming to IEC 61140
Ip Degree Of Protection	IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529
Nema Degree Of Protection	NEMA 12 conforming to UL 50 E NEMA 3 conforming to UL 50 E
Standards	JIS C8201-5-1 UL 508 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-1
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
Electromagnetic Emission	Class B conforming to IEC 55011

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5 cm
Package 1 Width	17 cm
Package 1 Length	22.2 cm
Package 1 Weight	24 g

# **Contractual warranty**

Warranty

Apr 25, 2024

18 months

# Sustainability Green Premium

**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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



Mercury Free



Rohs Exemption Information

Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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

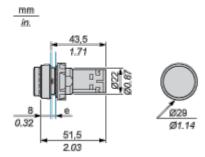
## **Product datasheet**

#### XB7NW3461

#### **Dimensions Drawings**

#### **Illuminated Pushbutton**

#### **Dimensions**



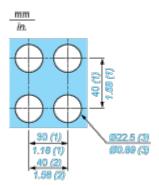
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

#### XB7NW3461

Mounting and Clearance

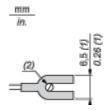
#### Mounting

#### **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**

## XB7NW3461

Connections and Schema

Wiring

