Product data sheet

Specification





Monolithic illuminated push button, Harmony XB7, plastic, green, 22mm, integral LED, spring return, 24V AC DC, 1NO

XB7NW33B1

Product availability: Stock - Normally stocked in distribution facility

Price*: 59.50 USD

Main

Range Of Product	Harmony XB7
Product Or Component Type	Illuminated push-button
Device Short Name	XB7
Mounting Diameter	0.87 in (22 mm)
Sale Per Indivisible Quantity	10
Ip Degree Of Protection	IP20 IEC 60529 rear face) IP65 IEC 60529 front face)
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Green projecting, unmarked
Contacts Type And Composition	1 NO
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, 1 x 0.342 x 2.5 mm² without cable end IEC 60947-1
Light Source	LED
Bulb Base	Integral LED
[Us] Rated Supply Voltage	24 V AC/DC
Device Presentation	Monolithic product

Complementary

Cad Overall Width	1.14 in (29 mm)
Cad Overall Height	1.14 in (29 mm)
Cad Overall Depth	2.26 in (57.5 mm)
Terminals Description Iso N°1	(13-14)NO
Net Weight	0.05 lb(US) (0.023 kg)
Device Mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 IEC 60947-1
Fixing Center	>= 30 x 40 mm support panel) metal 0.040.24 in (16 mm) >= 30 x 40 mm support panel) plastic 0.080.24 in (26 mm)
Fixing Mode	Fixing nut beneath head 17.7021.24 lbf.in (22.4 N.m)
Contact Operation	Slow-break
Positive Opening	With (only NO)

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

Mechanical Durability	300000 cycles
Tightening Torque	7.0810.62 lbf.in (0.81.2 N.m) IEC 60947-1
Shape Of Screw Head	Cross JIS No 1 Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Short-Circuit Protection	4 A cartridge fuse gG IEC 60947-5-1
[Ui] Rated Insulation Voltage	250 V 3)IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	4 kV IEC 60947-1
[le] Rated Operational Current	0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1 0.3 A 240 V, AC-14, D300 IEC 60947-5-1 0.6 A 120 V, AC-14, D300 IEC 60947-5-1
Electrical Durability	1000000 cycles, DC-13, 0.3 A 24 V 216000 cyc/mn 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.03 A 230 V 216000 cyc/mn 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.09 A 240 V 108000 cyc/mn 0.5 IEC 60947-5-1 appendix C
Electrical Reliability	Λ <= 10exp(-6) 17 V 5 mA IEC 60947-5-4
Signalling Type	Steady
Supply Voltage Limits	19.230 V DC 21.626.4 V AC
Current Consumption	1827 mA
Service Life	70000 h at rated voltage and 25 °C

Environment

Protective Treatment	тн
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Ambient Air Temperature For Operation	-13158 °F (-2570 °C)
Electrical Shock Protection Class	Class II IEC 61140
Nema Degree Of Protection	NEMA 12 UL 50 E
Standards	JIS C8201-5-1 IEC 60947-5-1 IEC 60947-1 UL 508 CSA C22.2 No 14 JIS C8201-1
Product Certifications	CCC GOST
Vibration Resistance	5 gn 2500 Hz)IEC 60068-2-6
Shock Resistance	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration
Electromagnetic Emission	Class B IEC 55011

Ordering and shipping details

Category	US10CS222464
Discount Schedule	0CS2
Gtin	3606480470745
Returnability	Yes
Country Of Origin	ID

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.36 in (6 cm)
Package 1 Width	1.26 in (3.2 cm)
Package 1 Length	1.26 in (3.2 cm)
Package 1 Weight	0.85 oz (24 g)

Contractual warranty

Apr 19, 2024

Warranty 18 months

Sustainability Green Premium

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



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.
Weee Circularity Profile	·

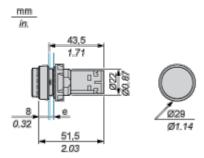
Product data sheet

XB7NW33B1

Dimensions Drawings

Illuminated Pushbutton

Dimensions



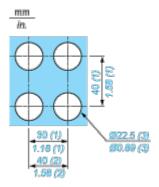
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

XB7NW33B1

Mounting and Clearance

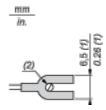
Mounting

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 data sheet

XB7NW33B1

Connections and Schema

Wiring

