# XB7NW34G2

ILLUM. P.B - LED - Spring Rtn -1NC - Red - 120v

Green Premium™ Product

Product availability:  Non-Stock - Not normally stocked in distribution facility

## 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 (rear face) conforming to IEC 60529<br>IP65 (front face) conforming to IEC 60529 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Red projecting unmarked |
| Operator additional information | With plain lens |
| Contacts type and composition | 1 NC |
| Connections - terminals | Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: 1 x 0.34...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 |
| Light source | LED |
| Bulb base | Integral LED |
| [Us] rated supply voltage | 120 V AC, 50/60 Hz |
| 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 | (11-12)NC |
| Product weight | 0.05 lb(US) (0.023 kg) |
| Device mounting | Fixing hole: Ø 0.89 in (22.5 mm) (22.3 +0.4/0) conforming to EN/IEC 60947-1 |
| Fixing center | >= 30 x 40 mm on support panel, metal, thickness: 0.04...0.24 in (1...6 mm)<br>>= 30 x 40 mm on support panel, plastic, thickness: 0.08...0.24 in (2...6 mm) |
| Fixing mode | Fixing nut beneath head recommended torque: 2...2.4 N.m |
| Contact operation | Slow-break |
| Positive opening | With positive opening conforming to EN/IEC 60947-5-1 appendix K |
| Mechanical durability | 300000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1 |
| Shape of screw head | Cross head compatible with JIS No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head 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 (degree of pollution: 3) conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-1 |

| [Ie] rated operational current | 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1<br>0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1<br>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<br>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<br>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 | $\Lambda <= 10exp(-6)$ at 17 V, 5 mA conforming to EN/IEC 60947-5-4 |
| Signalling type | Steady |
| Supply voltage limits | 100...132 V AC |
| Current consumption | 12...17 mA |
| Service life | 70000 h at rated voltage and 25 °C |

## Environment

| Protective treatment | TH |
|---|---|
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Electrical shock protection class | Class II conforming to IEC 61140 |
| NEMA degree of protection | NEMA 12 conforming to UL 50 E |
| Standards | CSA C22.2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>JIS C 4520<br>UL 508 |
| Product certifications | GOST<br>CCC |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn (duration = 18 ms) half sine wave acceleration |
| Electromagnetic emission | Class B conforming to EN 55011 |

## Ordering and shipping details

| Category | 22464 - PUSHBUTTONS, XB7-22MM |
|---|---|
| Discount Schedule | CS2 |
| GTIN | 00785901219057 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 5.0000000000000003E-2 |
| Returnability | N |
| Country of origin | ID |

## Offer Sustainability

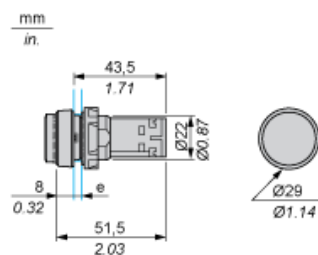| Sustainable offer status | Green Premium product |
|---|---|
| RoHS (date code: YYWW) | Compliant - since 1145 - Schneider Electric declaration of conformity [↗]Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - - - Substance 1 | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| - - - - - - - More information | For more information go to www.p65warnings.ca.gov |

## Contractual warranty

| Warranty period | 18 months |
|---|---|

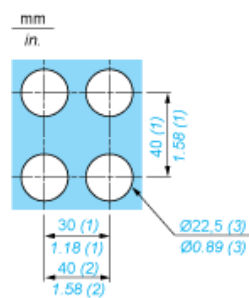Life Is On | Schneider Electric

## Illuminated Pushbutton

### Dimensions



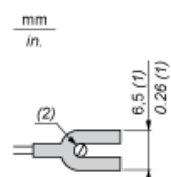e     Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

## 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.
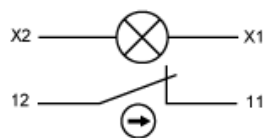
### "U" Type Tag Connection



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

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## Wiring Diagram

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