# Product datasheet

Specifications



## key switch 3 positions 3 stayput

XB5AG33N

Discontinued on: 7 Jul 2026

Discontinued

## Main

| | |
|---|---|
| **Range of product** | Harmony XB5N/XB7N |
| **Product or component type** | Selector switch |
| **Device short name** | XB5N |
| **Bezel material** | Dark grey plastic |
| **Fixing collar material** | Plastic |
| **Head type** | Standard |
| **Mounting diameter** | 22.5 mm |
| **Sale per indivisible quantity** | 20 |
| **Shape of signaling unit head** | Round |
| **Type of operator** | 3 stay put |
| **Operator profile** | Black key switch |
| **Operator position information** | 3 positions +/- 45° |
| **Type of keylock** | Key 455 |
| **Contacts type and composition** | 2 NO |
| **Contact operation** | Slow-break |
| **Connections - terminals** | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1 |

## Complementary

| | |
|---|---|
| **Height** | 42 mm |
| **Width** | 30 mm |
| **Depth** | 96 mm |
| **Terminals description ISO n°1** | (13-14)NO<br>(23-24)NO |
| **Net weight** | 0.087 kg |
| **Device mounting** | Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to IEC 60947-5-1 |
| **Fixing mode** | Fixing nut recommended torque: 2.2 N.m (+/- 0.2 N.m) |
| **Key withdrawal position** | Center |
| **Contacts usage** | Standard contacts |
| **Positive opening** | Without |
| **Torque value** | 0.14 N.m NO changing electrical state |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Mechanical durability** | 1000000 cycles |
| **Tightening torque** | 0.8…1.2 N.m conforming to IEC 60947-1 |
| **Shape of screw head** | Cross compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| **Contacts material** | Silver alloy (Ag/Ni) |
| **Short-circuit protection** | 10 A cartridge fuse type gG conforming to IEC 60947-5-1 |
| **[Ith] conventional free air thermal current** | 10 A conforming to IEC 60947-5-1 |
| **[Ui] rated insulation voltage** | 600 V (pollution degree 3) conforming to IEC 60947-1 |
| **[Uimp] rated impulse withstand voltage** | 6 kV conforming to IEC 60947-1 |
| **[Ie] rated operational current** | 3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1 |
| **Electrical durability** | 1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| **Electrical reliability** | Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4<br>Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4 |
| **Surge withstand** | 1 kV conforming to IEC 61000-4-5 |
| **Device presentation** | Complete product |
| **Overvoltage category** | Class II conforming to IEC 60536 |
| **Product compatibility** | ZB5...N |

# Environment

| | |
|---|---|
| **Protective treatment** | TH |
| **Ambient air temperature for storage** | -40…70 °C |
| **Ambient air temperature for operation** | -25…70 °C |
| **Electrical shock protection class** | Class II conforming to IEC 60536 |
| **IK degree of protection** | IK04 conforming to IEC 50102 |
| **Standards** | IEC 60947-5-4<br>IEC 60947-1<br>IEC 60947-5-1<br>IS 13947-5-1 |
| **Product certifications** | CE |
| **Vibration resistance** | 5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6 |
| **Shock resistance** | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| **Resistance to electromagnetic fields** | 10 V/m conforming to IEC 61000-4-3 |
| **Electromagnetic emission** | Class B conforming to IEC 55011 |

| | |
|---|---|
| **IP degree of protection** | IP65 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 3.6 cm |
| **Package 1 Width** | 5.3 cm |
| **Package 1 Length** | 9 cm |
| **Package 1 Weight** | 80 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 20 |
| **Package 2 Height** | 11 cm |
| **Package 2 Width** | 16 cm |
| **Package 2 Length** | 28 cm |
| **Package 2 Weight** | 1716 g |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 100 |
| **Package 3 Height** | 30 cm |
| **Package 3 Width** | 30 cm |
| **Package 3 Length** | 40 cm |
| **Package 3 Weight** | 9275 g |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

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

| | |
|---|---|
| Total lifecycle Carbon footprint | **0.8 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.5 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0.2 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.1 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

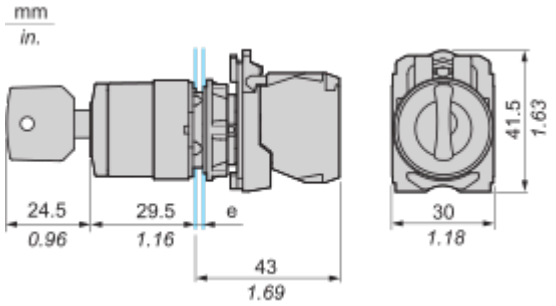
## Use Again

### Repack and remanufacture

| | |
|---|---|
| End of life manual availability | End of Life Information |
| Take-back | **No** |

Dimensions Drawings

## Dimensions




**e:** clamping thickness 1 to 6 mm (0.04 to 0.24 in.)

Mounting and Clearance

**Panel cut-out (Connection by Screw clamp terminals)**

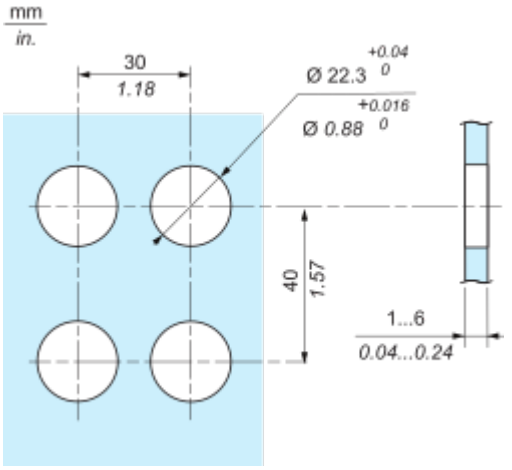


Image of product / Alternate images

**Alternative**






NO 3
4
NO 3
4



Image of product in real life situation

