

Product datasheet

Specifications



black square flush complete
pushbutton Ø16 spring return 1NC
unmarked

XB6CA22B

(!) Discontinued on: Aug 27, 2020

(!) Discontinued

Main

| | |
|-------------------------------|--|
| Range Of Product | Harmony XB6 |
| Product Or Component Type | Complete push-button |
| Device Short Name | XB6 |
| Bezel Material | Plastic |
| Mounting Diamete | 16 mm |
| Sale Per Indivisible Quantity | 1 |
| Shape Of Signaling Unit Head | Square |
| Type Of Operator | spring return |
| Operator Profile | Black flush, unmarked |
| Contacts Type And Composition | 1 NC |
| Contact Operation | Slow-break |
| Connections - Terminals | Faston connectors, connection size: 2.8 x 0.5 mm |

Complementary

| | |
|---|--|
| Cad Overall Width | 18 mm |
| Cad Overall Height | 18 mm |
| Cad Overall Depth | 57 mm |
| Terminals Description Iso N°1 | (21-22)NC |
| Net Weight | 0.019 kg |
| Operating Position | Any position |
| Positive Opening | With conforming to EN/IEC 60947-5-1 appendix K |
| Operating Travel | 2 mm (NC changing electrical state) 3.5 mm (total travel) |
| Operating Force | 4.5 N NC changing electrical state |
| Mechanical Durability | 2000000 cycles |
| Contacts Material | Silver alloy (Ag/Ni) |
| Short-Circuit Protection | 6 A cartridge fuse type gG |
| [Ui] Rated Insulation Voltage | 250 V (pollution degree 3) conforming to EN/IEC 60947-1 |
| [Uiimp] Rated Impulse Withstand Voltage | 4 kV conforming to EN/IEC 60947-1 |

| | |
|---------------------------------------|---|
| [Ie] Rated Operational Current | 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 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 |
| Electrical Durability | 1000000 cycles, AC-15 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical Reliability | $\lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4 |

Environment

| | |
|--|--|
| Protective Treatment | TC |
| 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 61140 |
| Ip Degree Of Protection | IP65 conforming to IEC 60529 |
| Nema Degree Of Protection | NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 |
| Standards | UL 508 JIS C 4520 EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C 852 EN/IEC 60947-5-5 |
| Product Certifications | CSA UL CCC GOST |
| Vibration Resistance | +/- 3 mm (f= 2...500 Hz) conforming to IEC 60068-2-6 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 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

| | |
|-------------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 2.0 cm |
| Package 1 Width | 11.0 cm |
| Package 1 Length | 14.5 cm |
| Package 1 Weight | 12.0 g |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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 >](#)

Well-being performance

 Reach Free Of Svhc

 Toxic Heavy Metal Free

 Mercury Free

 RoHS Exemption Information Yes

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](#)

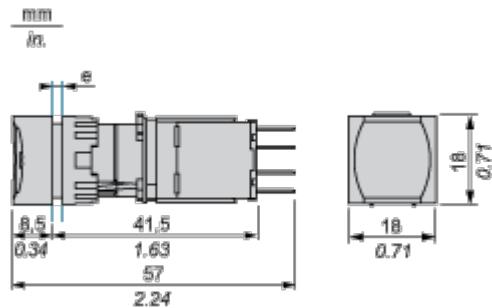
Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Square Head Pushbutton

Dimensions



Mounting and Clearance

Panel Cut-out

For Square or Circular Head

