

XB7NG33

key selector switch - Ø 22 - keylock - 3
positions - 2 NO - Ronis 455 center



Product availability: Stock - Normally stocked in distribution facility



Main

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|-------------------------------|---|
| Range of product | Harmony XB7 |
| Product or component type | Monolithic selector switch |
| Device short name | XB7 |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 10 |
| Product weight | 0.11 lb(US) (0.05 kg) |
| IP degree of protection | IP20 (rear face) conforming to IEC 60529 IP65 (front face) conforming to IEC 60529 |
| Shape of signaling unit head | Round |
| Type of operator | Stay put |
| Operator position information | 3 positions +/- 45° |
| Type of keylock | Ronis 455 |
| Key withdrawal position | Center |
| Contacts type and composition | 2 NO |
| Positive opening | Without positive opening |

Complementary

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| CAD overall width | 1.14 in (29 mm) |
| CAD overall height | 1.14 in (29 mm) |
| CAD overall depth | 3.27 in (83 mm) |
| Terminals description ISO n°1 | (23-24)NO (13-14)NO |
| 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) >= 30 x 40 mm on support panel, plastic, thickness: 0.08...0.24 in (2...6 mm) |
| Fixing mode | Fixing nut recommended torque: 2...2.4 N.m |
| Contact operation | Slow-break |
| Mechanical durability | 300000 cycles |
| Connections - terminals | Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals: 1 x 0.34...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 |
| 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 Cross head compatible with Philips no 1 screwdriver Cross head compatible with pozidriv No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver 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 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1 |

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| | |
|------------------------|---|
| 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 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 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 | $\Lambda < 10\exp(-6)$ at 17 V, 5 mA conforming to IEC 60947-5-4 |


Environment

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|---------------------------------------|--|
| 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 NEMA 3 conforming to UL 50 E |
| Standards | EN/IEC 60947-1 JIS C 4520 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27 |

Ordering and shipping details

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|-----------------------|-------------------------------|
| Category | 22464 - PUSHBUTTONS, XB7-22MM |
| Discount Schedule | CS2 |
| GTIN | 00785901207511 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 0.11 |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

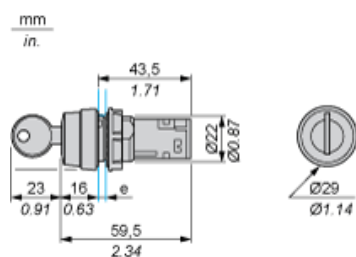
| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1145 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - Substance 1 | Nickel compounds, which is known to the State of California to cause cancer, and |
| - - - - - Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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

Key Switch

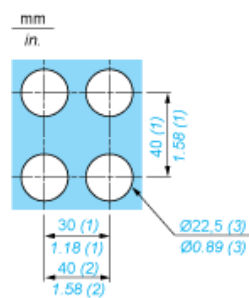
Dimensions



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).

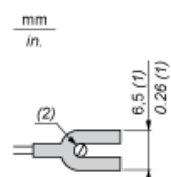
Mounting

Diameter of Finished Fixing Holes



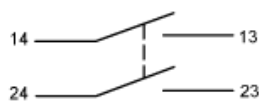
- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

“U” Type Tag Connection



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

Wiring



Mouser Electronics

Authorized Distributor

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