

Product data sheet

Specifications



Emergency stop push button,
Harmony 9001K, metal, mushroom
40mm, red, 30mm, 2 positions, turn
to release, 2 C/O

9001KR16H2

Main

| | |
|---------------------------|--------------------------------|
| Range Of Product | Harmony 9001K |
| Product Or Component Type | Emergency stop push-button |
| Device Short Name | 9001K |
| Type Of Operator | Turn to release trigger action |
| Operator Profile | Red mushroom Ø 40 mm, unmarked |

Complementary

| | |
|---|--|
| Bezel Material | Metal |
| Mounting Diameter | 30 mm |
| Cad Overall Width | 40 mm |
| Cad Overall Height | 40 mm |
| Cad Overall Depth | 116 mm |
| Net Weight | 0.141 kg |
| Operating Position | Any position |
| Shape Of Signaling Unit Head | Round |
| Head Material | Plastic |
| Operator Position Information | 2 positions |
| Contacts Type And Composition | 2 C/O |
| Mechanical Durability | 5000000 cycles |
| Connections - Terminals | Screw clamp terminals, 1 x 0.22...2 x 1.5 mm ² conforming to IEC 60947-1 |
| Tightening Torque | 0.8 N.m conforming to IEC 60947-1 |
| Shape Of Screw Head | Cross slotted |
| Contacts Material | Silver alloy contacts |
| Short-Circuit Protection | 10 A cartridge fuse conforming to IEC 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A |
| [Ui] Rated Insulation Voltage | 250 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 2.5 kV conforming to IEC 60947-1 |
| [Ie] Rated Operational Current | 3 A at 240 V, AC-15, A600-Q600 conforming to NEMA 0.55 A at 125 V, DC-13, A600-Q600 conforming to NEMA |
| [Icm] Rated Short-Circuit Making Capacity | 12 kA at 120 V AC-15, 7200 VA 0.1 kA at 600 V DC-13 0.27 kA at 250 V DC-13 0.55 kA at 125 V DC-13 |

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

| | |
|-----------------------------|---|
| Rated Breaking Capacity | 3 kA at 240 V AC-15, 720 VA 6 kA at 120 V AC-15, 720 VA 1.2 kA at 600 V AC-15, 720 VA 1.5 kA at 480 V AC-15, 720 VA 0.1 kA at 600 V DC-13 0.27 kA at 250 V DC-13 0.55 kA at 125 V DC-13 |
| Device Presentation | Complete product |
| Cap/Operator Or Lens Colour | Red |
| Operator Profile | Mushroom Ø 40 mm |
| Type Of Operator | Turn to release |
| Size | 30 mm |

Environment

| | |
|---------------------------------------|--|
| Protective Treatment | TC |
| Ambient Air Temperature For Storage | -40...70 °C |
| Ambient Air Temperature For Operation | -25...70 °C |
| Overvoltage Category | Class II conforming to IEC 61140 |
| Ip Degree Of Protection | IP66 conforming to IEC 60529 |
| Nema Degree Of Protection | NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6 |
| Standards | IEC 60204-1, for emergency stop devices if used with emergency stop legend plate type 9001KN ISO 13850, for emergency stop devices if used with emergency stop legend plate type 9001KN IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-5 JIS C 4520 JIS C 852 UL 60947-5-5 CSA C22.2 No 14 |
| Product Certifications | NEMA UL 508 |
| Vibration Resistance | 7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 50 gn conforming to IEC 60068-2-27 |

Packing Units

| | |
|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 5.1 cm |
| Package 1 Width | 6.1 cm |
| Package 1 Length | 11.4 cm |
| Package 1 Weight | 226.8 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 >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



RoHS Exemption Information

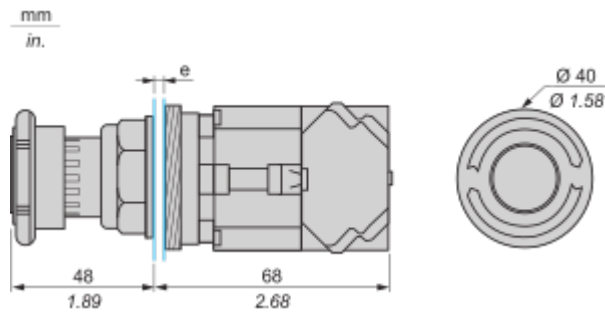
Yes

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 |
| Circularity Profile | No need of specific recycling operations |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Dimensions Drawings

Dimensions

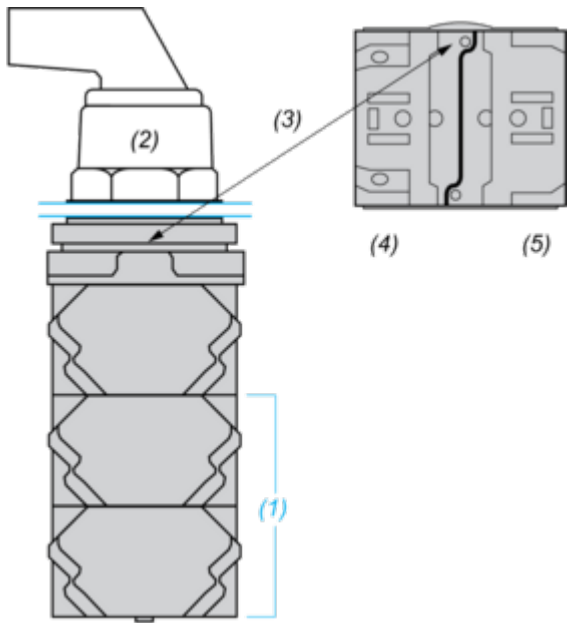


e : panel thickness 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

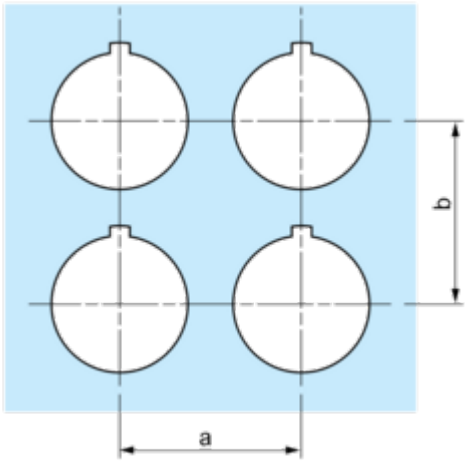
Top and Rear views



- (1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)
- (2) Operator
- (3) Locating notch
- (4) Side 1
- (5) Side 2

Panel Cut-Out

Clearance



| Legend plate | a min. | | b min. | |
|--------------|--------|------|--------|------|
| | mm | in. | mm | in. |
| 9001KN2•• | 57.2 | 2.25 | 44.5 | 1.75 |
| 9001KN3•• | 57.2 | 2.25 | 50.8 | 2.00 |

Individual Cut-outs Details

2 alternatives

