



### Main

|                           |                                  |
|---------------------------|----------------------------------|
| Range of product          | Harmony 9001K                    |
| Product or component type | Emergency stop push-button       |
| Device short name         | 9001K                            |
| Type of operator          | Trigger action (turn to release) |
| Operator profile          | Red mushroom Ø 40 mm unmarked    |

### Complementary


|   |   |
|---|---|
| Bezel material                              | Chromium plated metal   |
| Mounting diameter                           | 30 mm   |
| CAD overall width                           | 40 mm   |
| CAD overall height                          | 40 mm   |
| CAD overall depth                           | 116 mm  |
| Product 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               | 1 NC + 1 NO   |
| Mechanical durability                       | 5000000 cycles  |
| Connections - terminals                     | Screw clamp terminals (1 x 0.22...2 x 1.5 mm <sup>2</sup> ) conforming to EN/IEC 60947-1                |
| Tightening torque                           | 0.8 N.m conforming to EN/IEC 60947-1  |
| Shape of screw head                         | Cross slotted head  |
| Contacts material                           | Silver alloy contacts   |
| Short-circuit protection                    | 10 A cartridge fuse conforming to EN/IEC 60947-5-1  |
| [Ith] conventional free air thermal current | 10 A  |
| [Ui] rated insulation voltage               | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1   |
| [Uimp] rated impulse withstand voltage      | 2.5 kV conforming to EN/IEC 60947-1   |
| [Ie] rated operational current              | 3 A at 240 V AC-15, A600-Q600 conforming to NEMA<br>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<br>0.1 kA at 600 V DC-13  |

|                         |   |
|-------------------------|---|
|                         | 0.27 kA at 250 V DC-13<br>0.55 kA at 125 V DC-13  |
| Rated breaking capacity | 3 kA at 240 V AC-15, 720 VA<br>6 kA at 120 V AC-15, 720 VA<br>1.2 kA at 600 V AC-15, 720 VA<br>1.5 kA at 480 V AC-15, 720 VA<br>0.1 kA at 600 V DC-13<br>0.27 kA at 250 V DC-13<br>0.55 kA at 125 V DC-13 |
| Device presentation     | Complete product  |

## 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<br>NEMA 12<br>NEMA 13<br>NEMA 2<br>NEMA 3<br>NEMA 3R<br>NEMA 4<br>NEMA 6  |
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-4<br>JIS C 4520<br>JIS C 852<br>UL 508<br>EN/IEC 60204-1 for emergency stop devices if used with emergency stop legend plate type 9001KN<br>EN/ISO 13850 for emergency stop devices if used with emergency stop legend plate type 9001KN |
| Product certifications                | NEMA<br>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   |

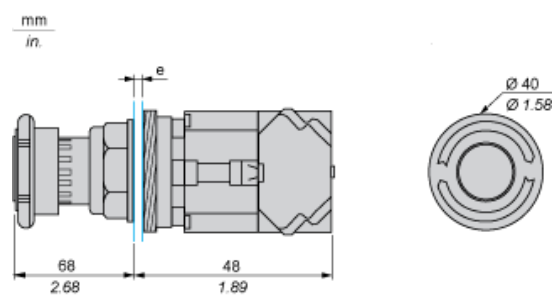
## Offer Sustainability

|                        |   |
|------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 0921 - Schneider Electric declaration of conformity<br> <a href="#">Schneider Electric declaration of conformity</a> |
|------------------------|---|

## Contractual warranty

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

## Dimensions



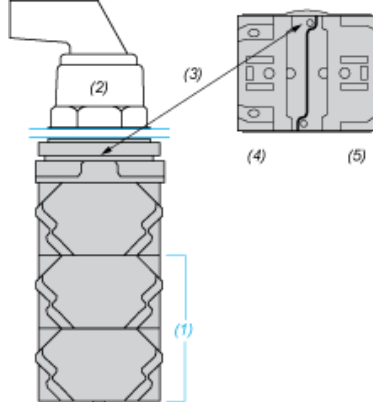
e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

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Contact Block Mounting Position

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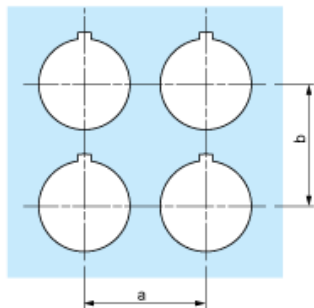
Top and Rear views



- (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

