

# Product data sheet

## Characteristics

# 9001KR9RH13

Push button, Harmony 9001K, metal, mushroom 41mm, red, 30mm, 2 positions, push-pull, 1 C/O



### Main

|                           |                                |
|---------------------------|--------------------------------|
| Range of product          | Harmony 9001K                  |
| Product or component type | Push-button                    |
| Device short name         | 9001K                          |
| Type of operator          | push-pull                      |
| Operator profile          | Red mushroom Ø 41 mm, unmarked |

### Complementary

|  |  |
|--|--|
| Bezel material   | Metal  |
| Mounting diameter  | 30 mm  |
| CAD overall width  | 46 mm  |
| CAD overall height                                       | 45 mm  |
| CAD overall depth  | 74 mm  |
| Net weight   | 0.141 kg   |
| Operating position                                       | Any position   |
| Shape of signaling unit head                             | Round  |
| Head material  | Plastic  |
| Operator additional information                          | Screw-on plastic   |
| Operator position information                            | 2 positions  |
| Contacts type and composition                            | 1 C/O  |
| Positive opening   | Without  |
| 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  |
| Contacts material  | Silver alloy contacts  |
| Short-circuit protection                                 | 10 A cartridge fuse conforming to EN/IEC 60947-5-1   |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A   |
| [U <sub>i</sub> ] rated insulation voltage               | 250 V (pollution degree 3) conforming to EN/IEC 60947-1  |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 2.5 kV conforming to EN/IEC 60947-1  |
| [I <sub>e</sub> ] 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  |
| [I <sub>cm</sub> ] rated short-circuit making capacity   | 12 KA at 600 V AC-15, 7200 VA<br>15 KA at 480 V AC-15, 7200 VA<br>30 KA at 240 V AC-15, 7200 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 |

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|                             |   |
|-----------------------------|---|
| 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  |
| Cap/operator or lens colour | Red   |
| Operator profile            | Mushroom Ø 41 mm  |
| Type of operator            | Push-pull   |
| 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<br>NEMA 12<br>NEMA 13<br>NEMA 2<br>NEMA 3<br>NEMA 3R<br>NEMA 4<br>NEMA 6                                |
| Standards                             | 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>CSA C22.2 No 14 |
| Product certifications                | UL 508[RETURN]NEMA   |
| 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             | 9.144 cm |
| Package 1 Width              | 5.08 cm  |
| Package 1 Length             | 6.096 cm |
| Package 1 Weight             | 145.15 g |
| Unit Type of Package 2       | S01      |
| Number of Units in Package 2 | 24       |
| Package 2 Height             | 15 cm    |
| Package 2 Width              | 15 cm    |
| Package 2 Length             | 40 cm    |
| Package 2 Weight             | 3.777 kg |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| REACH Regulation           |  <a href="#">REACH Declaration</a>      |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)   |
| Mercury free               | Yes  |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a> |
| RoHS exemption information |  Yes                                    |

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|                          |  |
|--------------------------|--|
| Environmental Disclosure |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | No need of specific recycling operations   |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins    |

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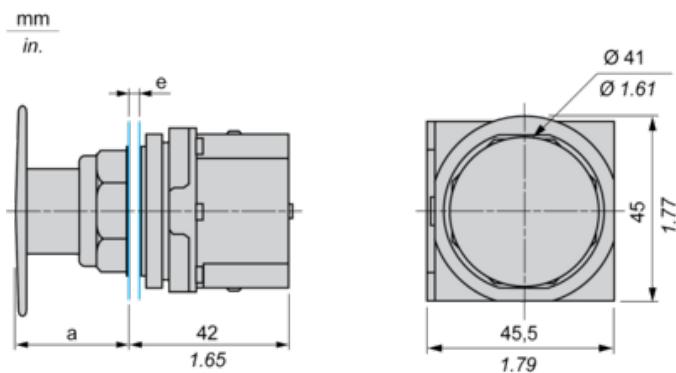
### Contractual warranty

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

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Dimensions

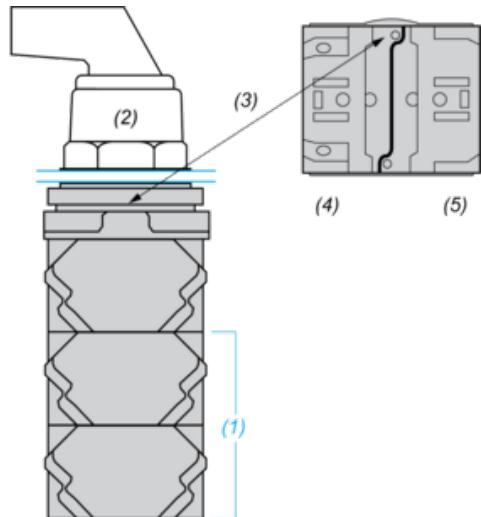


e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

a 32 mm / 1.26 in.

### Contact Block Mounting Position

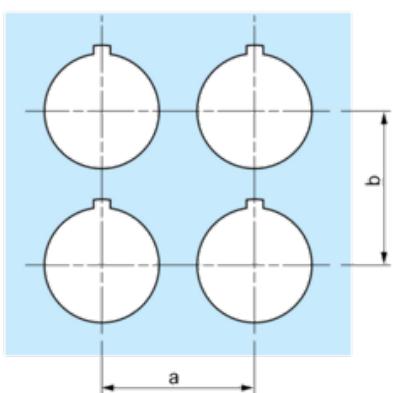
Top and Rear views



- (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

mm  
in.

