

# Product datasheet

Specifications



## PUSH BUTTON 600VAC 10A 30MM T-K

Local distributor code:  
387206475

9001KR1GH13

EAN Code: 3389110910742

### Main

|                                 |                       |
|---------------------------------|-----------------------|
| Range Of Product                | Harmony 9001K         |
| Product Or Component Type       | Push-button           |
| Device Short Name               | 9001K                 |
| Type Of Operator                | spring return         |
| Operator Profile                | Green flush, unmarked |
| Operator Additional Information | Metal guard           |

### Complementary

|   |   |
|---|---|
| Bezel Material                              | Metal   |
| Mounting Diameter                           | 30 mm   |
| Shape Of Signaling Unit Head                | Octagonal   |
| Contacts Type And Composition               | 1 C/O   |
| Connections - Terminals                     | Screw clamp terminals 1 x 0.22...2 x 1.5 mm <sup>2</sup> conforming to IEC 60947-1  |
| Tightening Torque                           | 0.8 N.m conforming to IEC 60947-1   |
| Shape Of Screw Head                         | Cross slotted   |
| Mechanical Durability                       | 5000000 cycles  |
| Operating Position                          | Any position  |
| [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   |
| [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  |
| Contacts Material                           | Silver alloy contacts   |
| Contact Operation                           | Standard  |
| Positive Opening                            | Without   |
| Short-Circuit Protection                    | 10 A cartridge fuse conforming to IEC 60947-5-1   |
| [Ith] Conventional Free Air Thermal Current | 10 A  |
| [Icm] 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>60 kA at 120 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 |

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<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 |
| Terminals Description Iso N°1 | (13-14-11-12)OF   |
| Cad Overall Width             | 48 mm   |
| Cad Overall Height            | 45 mm   |
| Cad Overall Depth             | 56 mm   |
| Net Weight                    | 0.121 kg  |
| Device Presentation           | Complete product  |
| Cap/Operator Or Lens Colour   | Green   |
| Operator Profile              | Flush   |
| Type Of Operator              | Spring return   |
| Size                          | 30 mm   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | IEC 60947-1<br>JIS C 4520<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C 852<br>IEC 60947-5-4 |
| Product Certifications                | UL 508<br>NEMA  |
| Protective Treatment                  | TC  |
| Ambient Air Temperature For Storage   | -40...70 °C   |
| Ambient Air Temperature For Operation | -25...70 °C   |
| Vibration Resistance                  | 7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6  |
| Shock Resistance                      | 50 gn conforming to IEC 60068-2-27  |
| Electrical Shock Protection Class     | 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                       |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 5.5 cm  |
| Package 1 Width              | 9.4 cm  |
| Package 1 Length             | 4.6 cm  |
| Package 1 Weight             | 130.0 g |
| Unit Type Of Package 2       | S01     |

|                              |         |
|------------------------------|---------|
| Number Of Units In Package 2 | 24      |
| Package 2 Height             | 15.0 cm |
| Package 2 Width              | 15.0 cm |
| Package 2 Length             | 40.0 cm |
| Package 2 Weight             | 3.12 kg |

## 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-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

 Mercury Free

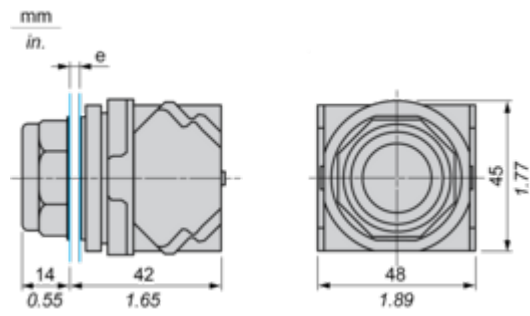
 RoHS Exemption Information Yes

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Pro-active compliance (Product out of EU RoHS legal scope)  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>  |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| 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  |

Dimensions Drawings

Dimensions



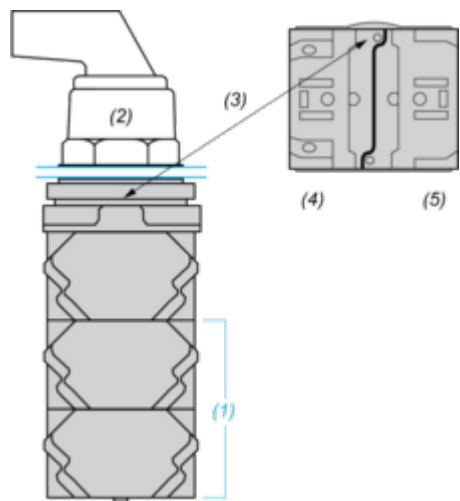
e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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

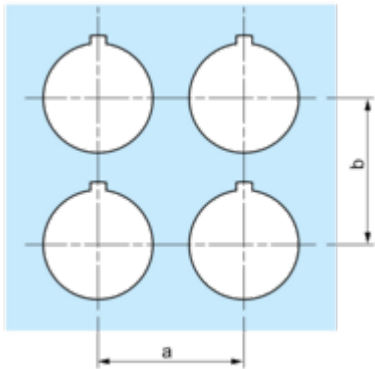
(3) Locating notch

(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

