# Product data sheet
## Characteristics

# 9001KR1GH5
## PUSHBUTTON 600VAC 10A 30MM TYPE K

### 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 | Full guard in plastic |

### Complementary

| | |
|---|---|
| Bezel material | Chromium plated metal |
| Mounting diameter | 1.18 in (30 mm) |
| Shape of signaling unit head | Octagonal |
| Contacts type and composition | 1 NO |
| Connections - terminals | Screw clamp terminals 1 x 0.22...2 x 1.5 mm² IEC 60947-1 |
| Tightening torque | 7.08 lbf.in (0.8 N.m) IEC 60947-1 |
| Shape of screw head | Cross slotted |
| Mechanical durability | 5000000 cycles |
| Operating position | Any position |
| [Ie] rated operational current | 3 A 240 V, AC-15, A600-Q600 NEMA<br>0.55 A 125 V, DC-13, A600-Q600 NEMA |
| [Ui] rated insulation voltage | 250 V 3)IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 2.5 kV IEC 60947-1 |
| Contacts material | Silver alloy contacts |
| Contact operation | Slow-break |
| Positive opening | Without |
| Short-circuit protection | 10 A cartridge fuse IEC 60947-5-1 |
| [Ith] conventional free air thermal current | 10 A |
| [Icm] rated short-circuit making capacity | 12 KA 600 V AC-15, 7200 VA<br>15 KA 480 V AC-15, 7200 VA<br>30 KA 240 V AC-15, 7200 VA<br>60 KA 120 V AC-15, 7200 VA<br>0.1 KA 600 V DC-13<br>0.27 KA 250 V DC-13<br>0.55 kA 125 V DC-13 |
| Rated breaking capacity | 3 KA 240 V AC-15, 720 VA<br>6 KA 120 V AC-15, 720 VA<br>1.2 KA 600 V AC-15, 720 VA<br>1.5 KA 480 V AC-15, 720 VA<br>0.1 KA 600 V DC-13<br>0.27 KA 250 V DC-13<br>0.55 kA 125 V DC-13 |
| Terminals description ISO n°1 | (13-14)NO |
| CAD overall width | 1.89 in (48 mm) |
| CAD overall height | 1.77 in (45 mm) |
| CAD overall depth | 2.20 in (56 mm) |
| Net Weight | 0.27 lb(US) (0.121 kg) |
| Device presentation | Complete product |

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## Environment

| | |
|---|---|
| Standards | UL 508<br>JIS C 852<br>EN/IEC 60947-5-1<br>EN/IEC 60947-1<br>JIS C 4520<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14 |
| Product certifications | NEMA<br>UL 508 |
| Protective treatment | TC |
| Ambient air temperature for storage | -40…158 °F (-40…70 °C) |
| Ambient air temperature for operation | -13…158 °F (-25…70 °C) |
| Vibration resistance | 7 gn 2…500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn IEC 60068-2-27 |
| Electrical shock protection class | Class II 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 |

## Ordering and shipping details

| | |
|---|---|
| Category | 21426 - 9001 K (NOT KA,KM,KX) |
| Discount Schedule | CS1 |
| GTIN | 00785901033349 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.28 lb(US) (0.13 kg) |
| Returnability | Yes |
| Country of origin | MX |

## Packing Units

| | |
|---|---|
| Package 1 Height | 1.90 in (4.826 cm) |
| Package 1 width | 2.20 in (5.588 cm) |
| Package 1 Length | 3.70 in (9.398 cm) |

## Offer Sustainability

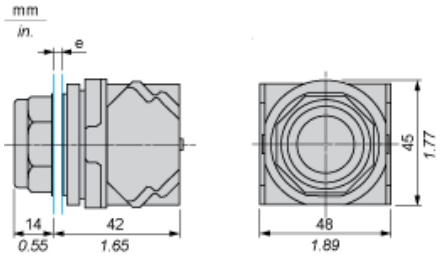
| | |
|---|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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. |

## Contractual warranty

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

9001KR1GH5

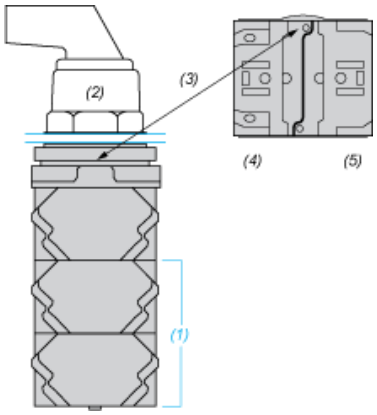
## Dimensions




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

## Contact Block Mounting Position

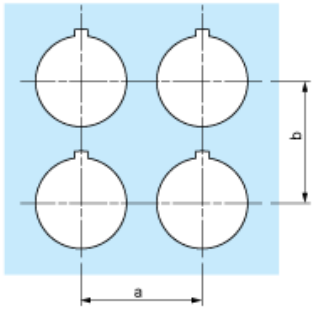
Top and Rear views



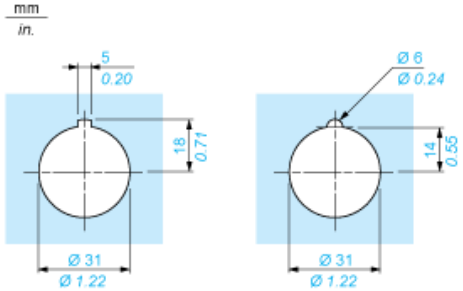

(1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)
(2) Operator
(3) Locating notch
(4) Side 1
(5) Side 2

## 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