

Product data sheet

Characteristics

9001KR8RH25

Push-button, Harmony 9001K, metal, mushroom 41mm, red, 30mm, 3 positions, return to center, 1 NC late + 1 NC



Main

| | |
|---------------------------|---------------------------------------------------------------|
| Range of Product | Harmony 9001K |
| Product or Component Type | Push-button |
| Device short name | 9001K |
| Type of operator | Pull : spring return, center : stay put, push : spring return |
| Operator profile | Red mushroom Ø 41 mm, unmarked |

Complementary

| | |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bezel material | Metal |
| Mounting diameter | 1.18 in (30 mm) |
| Net Weight | 0.43 lb(US) (0.195 kg) |
| Operating position | Any position |
| Shape of signaling unit head | Round |
| Head material | Plastic |
| Operator additional information | Screw-on plastic |
| Operator position information | 3 positions |
| Contacts type and composition | 1 NC late break + 1 NC |
| Contact operation | Late-break |
| Positive opening | With IEC 60947-5-2 |
| Mechanical durability | 5000000 cycles |
| Connections - terminals | Screw clamp terminals, 1 x 0.22...2 x 1.5 mm ² EN/IEC 60947-1 |
| Tightening torque | 7.08 lbf.in (0.8 N.m) EN/IEC 60947-1 |
| Shape of screw head | Cross slotted |
| Contacts material | Silver alloy contacts |
| Short-circuit protection | 10 A cartridge fuse EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A |
| [U _i] rated insulation voltage | 250 V 3)EN/IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 2.5 kV EN/IEC 60947-1 |
| [I _e] rated operational current | 3 A 240 V, AC-15, A600-Q600 NEMA 0.55 A 125 V, DC-13, A600-Q600 NEMA |
| [I _{cm}] rated short-circuit making capacity | 12 KA 600 V AC-15, 7200 VA 15 KA 480 V AC-15, 7200 VA 0.1 KA 600 V DC-13 0.27 KA 250 V DC-13 0.55 KA 125 V DC-13 |
| Rated breaking capacity | 3 KA 240 V AC-15, 720 VA 6 KA 120 V AC-15, 720 VA 1.2 KA 600 V AC-15, 720 VA 1.5 KA 480 V AC-15, 720 VA 0.1 KA 600 V DC-13 0.27 KA 250 V DC-13 0.55 KA 125 V DC-13 |
| Device presentation | Complete product |
| Cap/operator or lens colour | Red |

| | |
|------------------|---------------------------------------------------------------|
| Operator profile | Mushroom Ø 41 mm |
| Type of operator | Pull : spring return, center : stay put, push : spring return |
| Size | 30 mm |

Environment

| | |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 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) |
| Overvoltage category | Class II IEC 61140 |
| IP degree of protection | IP66 IEC 60529 |
| NEMA degree of protection | NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6 |
| Standards | EN/IEC 60947-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14 |
| Product Certifications | UL 508[RETURN]NEMA |
| Vibration resistance | 7 gn 2...500 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn IEC 60068-2-27 |

Ordering and shipping details

| | |
|-------------------|-----------------------------|
| Category | 21426-9001 K (NOT KA,KM,KX) |
| Discount Schedule | CS1 |
| GTIN | 785901034087 |
| Returnability | No |
| Country of origin | MX |

Packing Units

| | |
|------------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.80 in (4.572 cm) |
| Package 1 Width | 2.10 in (5.334 cm) |
| Package 1 Length | 3.60 in (9.144 cm) |
| Package 1 Weight | 4.48 oz (127.006 g) |

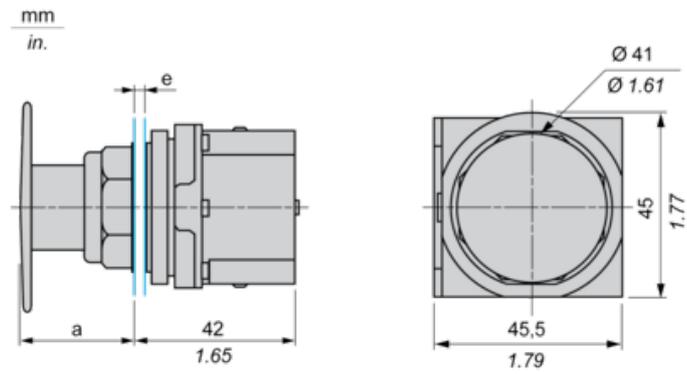
Offer Sustainability

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| 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. |

Contractual warranty

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

Dimensions

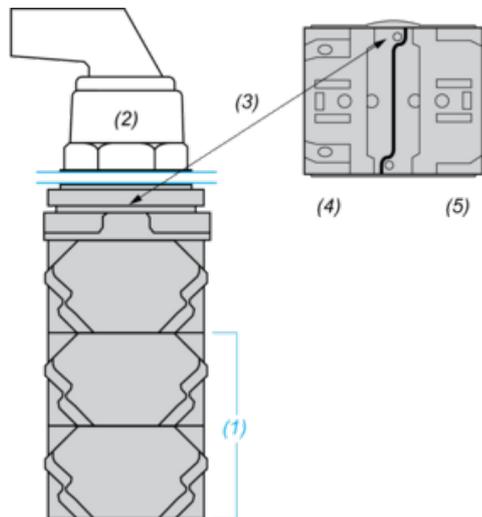


e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

a 32 mm / 1.26 in.

Contact Block Mounting Position

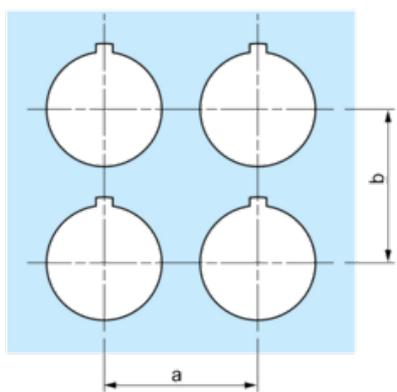
Top and Rear views



- (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.

