



Main

| | |
|---------------------------------|-------------------------|
| Range of product | Harmony 9001K |
| Product or component type | Illuminated 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 |
| Light source | incandescent |
| Light source | Incandescent bulb |
| Bulb base | BA 9s |
| Light block supply | Via integral transformer 6 V |
| [Us] rated supply voltage | 220...240 V AC |
| Contacts type and composition | 1 C/O |
| Connections - terminals | Screw clamp terminals 1 x 0.22...2 x 1.5 mm ² 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 |
| [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 15 KA at 480 V AC-15, 7200 VA 30 KA at 240 V AC-15, 7200 VA 60 kA at 120 V AC-15, 7200 VA |
| Rated breaking capacity | 1.2 KA at 600 V AC-15, 720 VA 1.5 KA at 480 V AC-15, 720 VA 3 KA at 240 V AC-15, 720 VA 6 KA at 120 V AC-15, 720 VA 0.1 KA at 600 V DC-13 0.27 KA at 250 V DC-13 0.55 kA at 125 V DC-13 |
| CAD overall width | 54 mm |
| CAD overall height | 42 mm |
| CAD overall depth | 106 mm |
| Terminals description ISO n°1 | (13-14-11-12)OF |

| | |
|-----------------------------|--------------------------|
| Net weight | 0.25 kg |
| Device presentation | Complete product |
| Cap/operator or lens colour | Green |
| [Us] rated supply voltage | 220...240 V |
| Light block supply | Via integral transformer |
| Operator profile | Flush |
| Type of operator | Spring return |
| Supply frequency | 50...60 Hz |
| Size | 30 mm |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 60947-5-1 CSA C22.2 No 14 EN/IEC 60947-1 JIS C 4520 JIS C 852 UL 508 EN/IEC 60947-5-4 |
| Product certifications | UL 508[RETURN]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 |
| Overvoltage category | Class II conforming to IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.999 cm |
| Package 1 Width | 5.001 cm |
| Package 1 Length | 11.3 cm |
| Package 1 Weight | 226.796 g |

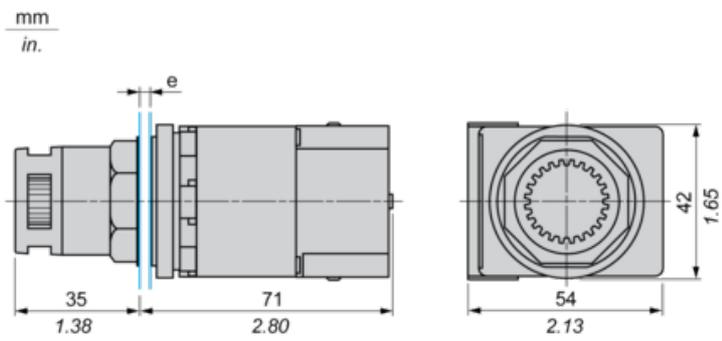
Offer Sustainability

| | |
|----------------------------|---|
| 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 |
| 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 |
|----------|-----------|

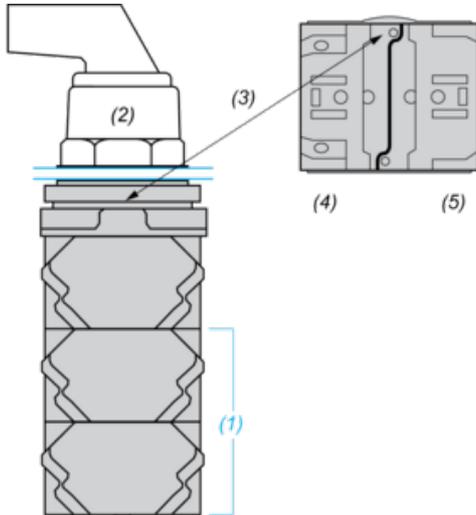
Dimensions



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

Contact Block Mounting Position

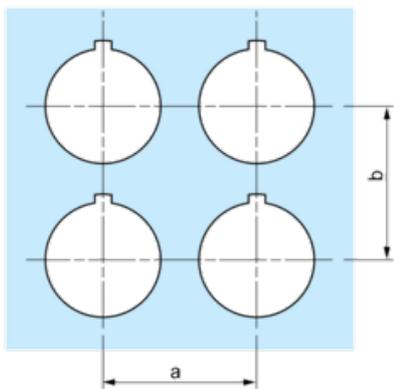
Top and Rear views



- (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.

