



Main

| | |
|---------------------------|---------------------------------|
| Range of product | Harmony 9001K |
| Product or component type | Complete pushbutton |
| Device short name | 9001K |
| Type of operator | Spring return |
| Operator profile | Flush, green marking: unmarked, |

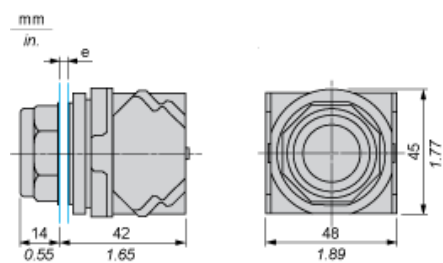
Complementary

| | |
|---|--|
| Bezel material | Chromium plated metal |
| Mounting diameter | 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 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 | 0.55 A 125 V DC-13 A600-Q600 NEMA 3 A 240 V AC-15 A600-Q600 NEMA |
| [Ui] rated insulation voltage | 250 V, degree of pollution: 3 conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 2.5 kV conforming to IEC 60947-1 |
| Contacts material | Silver alloy contacts |
| Contacts operation | Slow-break |
| 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 | <= 60 kA at 120 V AC-15, 7200 VA <= 30 kA at 240 V AC-15, 7200 VA <= 15 kA at 480 V AC-15, 7200 VA <= 12 kA at 600 V AC-15, 7200 VA |
| Rated breaking capacity | <= 1.5 kA at 480 V AC-15, 720 VA <= 1.2 kA at 600 V AC-15, 720 VA <= 0.55 kA at 125 V DC-13 <= 0.27 kA at 250 V DC-13 <= 0.1 kA at 600 V DC-13 <= 6 kA at 120 V AC-15, 720 VA <= 3 kA at 240 V AC-15, 720 VA |
| Terminals description ISO n°1 | (13-14)NO |
| CAD overall width | 48 mm |
| CAD overall height | 45 mm |
| CAD overall depth | 56 mm |
| Product weight | 0.121 kg |

Environment

| | |
|--|--|
| Standards | CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 |
| Product certifications | NEMA UL 508 |
| 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 |
| Class of protection against electric shock | Class II conforming to IEC 61140 |
| IP degree of protection | IP66 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 4 NEMA 3R NEMA 3 NEMA 2 NEMA 13 NEMA 12 NEMA 1 |
| RoHS EUR status | Compliant |
| RoHS EUR conformity date | 0921 |

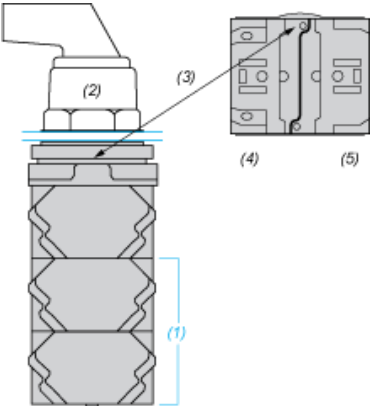
Dimensions



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

Contact Block Mounting Position

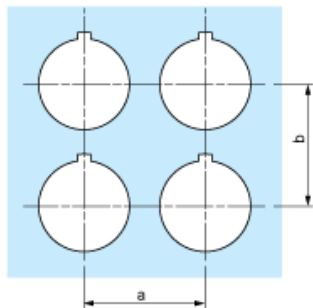
Top and Rear views



- (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

