



## Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of product                | Harmony 9001K                    |
| Product or component type       | Push-button                      |
| Device short name               | 9001K                            |
| Type of operator                | Spring return                    |
| Operator profile                | 7 colours choice 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 |
| 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 | 7 colours choice |
| Operator profile            | Flush            |
| Type of operator            | Spring return    |
| Size                        | 30 mm            |

## Environment

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Standards                             | UL 508<br>JIS C 4520<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-4<br>EN/IEC 60947-1<br>JIS C 852 |
| Product certifications                | NEMA[RETURN]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                                                                             |
| 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 cm    |
| Package 1 Width              | 6 cm    |
| Package 1 Length             | 11.5 cm |
| Package 1 Weight             | 128 g   |
| Unit Type of Package 2       | S01     |
| Number of Units in Package 2 | 24      |
| Package 2 Height             | 15 cm   |
| Package 2 Width              | 15 cm   |
| Package 2 Length             | 40 cm   |
| Package 2 Weight             | 3.25 kg |

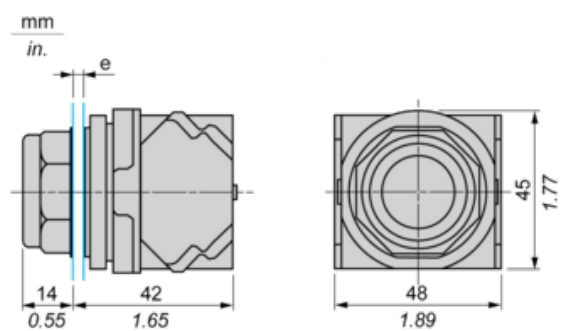
## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                        |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| 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 |
|----------|-----------|

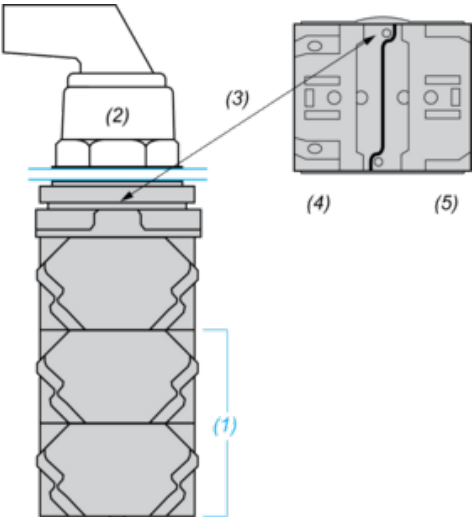
## Dimensions



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

Contact Block Mounting Position

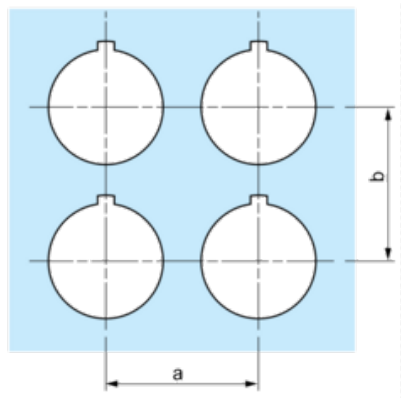
Top and Rear views



- (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.

