



## Main

|                                 |                         |
|---------------------------------|-------------------------|
| Range of product                | Harmony 9001K           |
| Product or component type       | Illuminated push-button |
| Device short name               | 9001K                   |
| Type of operator                | Spring return           |
| Operator profile                | Amber flush unmarked    |
| Operator additional information | Extended metallic guard |

## Complementary

|                                             |                                                                                                                                                                                                                                          |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bezel material                              | Chromium plated metal                                                                                                                                                                                                                    |
| Mounting diameter                           | 1.18 in (30 mm)                                                                                                                                                                                                                          |
| Shape of signaling unit head                | Octagonal                                                                                                                                                                                                                                |
| Light source                                | Incandescent                                                                                                                                                                                                                             |
| Light source                                | Incandescent                                                                                                                                                                                                                             |
| Bulb base                                   | BA 9s                                                                                                                                                                                                                                    |
| Light block supply                          | Direct                                                                                                                                                                                                                                   |
| [Us] rated supply voltage                   | 24...28 V AC/DC                                                                                                                                                                                                                          |
| 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                           | 7.08 lbf.in (0.8 N.m) conforming to IEC 60947-1                                                                                                                                                                                          |
| Shape of screw head                         | Cross slotted                                                                                                                                                                                                                            |
| Mechanical durability                       | 5000000 cycles                                                                                                                                                                                                                           |
| Operating position                          | Any position                                                                                                                                                                                                                             |
| [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                                                                                                                                                                                                                    |
| 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                                                                                         |
| Rated breaking capacity                     | <= 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)<br><= 1.2 kA at 600 V (AC-15) 720 VA<br><= 1.5 kA at 480 V (AC-15) 720 VA<br><= 3 kA at 240 V (AC-15) 720 VA<br><= 6 kA at 120 V (AC-15) 720 VA |
| CAD overall width                           | 2.13 in (54 mm)                                                                                                                                                                                                                          |
| CAD overall height                          | 1.65 in (42 mm)                                                                                                                                                                                                                          |
| CAD overall depth                           | 4.17 in (106 mm)                                                                                                                                                                                                                         |
| Terminals description ISO n°1               | (13-14-11-12)OF                                                                                                                                                                                                                          |
| Product weight                              | 0.39 lb(US) (0.175 kg)                                                                                                                                                                                                                   |
| Device presentation                         | Complete product                                                                                                                                                                                                                         |

## Environment

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| standards                             | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>JIS C 4520<br>JIS C 852<br>UL 508<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 (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<br>NEMA 12<br>NEMA 13<br>NEMA 2<br>NEMA 3<br>NEMA 3R<br>NEMA 4                                          |

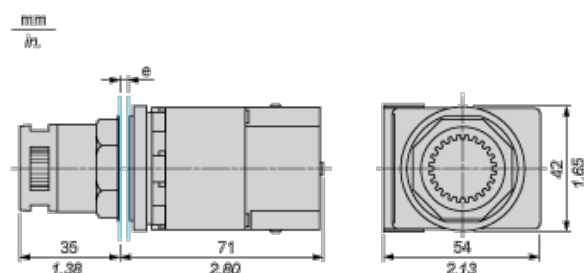
## Offer Sustainability

|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 785901713876                                                                                                                     | 785901713876                                                                                                                     |
| Compliant - since 0921 - Schneider Electric declaration of conformity                                                            | Compliant - since 0921 - Schneider Electric declaration of conformity                                                            |
| Reference not containing SVHC above the threshold                                                                                | Reference not containing SVHC above the threshold                                                                                |
| WARNING: This product can expose you to chemicals including:                                                                     | 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. | 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

## Contractual warranty

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

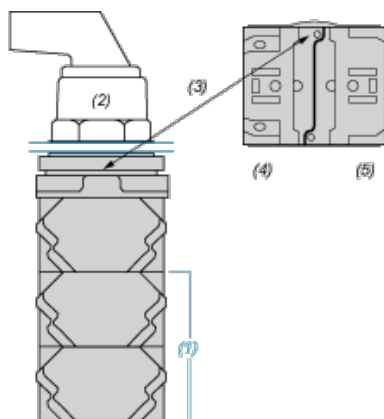
## Dimensions



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

## Contact Block Mounting Position

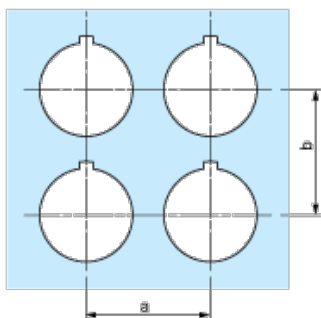
Top and Rear views



- (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

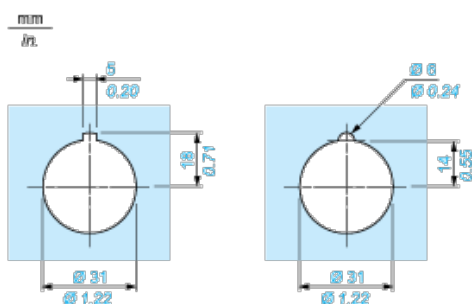
### Clearance



| 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



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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