

# Product data sheet

Specifications



Push button, Harmony 9001K,  
metal, mushroom 41mm, red,  
30mm, 2 positions, push pull, 1NC

9001KR9RH6

Product availability: Stock - Normally stocked in distribution facility

## Main

Range of Product	Harmony 9001K
Product or Component Type	Push-button
Device short name	9001K
Type of operator	push-pull
Operator profile	Red mushroom Ø 41 mm, unmarked

## Complementary

Bezel material	Metal
Mounting diameter	1.2 in (30 mm)
CAD overall width	2.1 in (54 mm)
CAD overall height	4.06 in (103 mm)
CAD overall depth	2.9 in (74 mm)
Product Weight	0.311 lb(US) (0.141 kg)
Operating position	Any position
Shape of signaling unit head	Round
Head material	Plastic
Operator additional information	Screw-on plastic
Operator position information	2 positions
Contacts type and composition	1 NC
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 <sup>2</sup> IEC 60947-1
Tightening torque	7.08 lbf.in (0.8 N.m) IEC 60947-1
Shape of screw head	Cross slotted
Contacts material	Silver alloy contacts
Short-circuit protection	10 A cartridge fuse IEC 60947-5-1
[I <sub>th</sub> ] conventional free air thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	250 V 3)IEC 60947-1
[U <sub>imp</sub> ] rated impulse withstand voltage	2.5 kV IEC 60947-1
[I <sub>e</sub> ] rated operational current	3 A 240 V, AC-15, A600-Q600 NEMA 0.55 A 125 V, DC-13, A600-Q600 NEMA

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>[Icm] rated short-circuit making capacity</b>	12 kA 120 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
<b>Rated breaking capacity</b>	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
<b>Device presentation</b>	Complete product
<b>Cap/operator or lens colour</b>	Red
<b>Operator profile</b>	Mushroom Ø 41 mm
<b>Type of operator</b>	Push-pull
<b>Size</b>	30 mm

## Environment

<b>Protective treatment</b>	TC
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-13...158 °F (-25...70 °C)
<b>Overvoltage category</b>	Class II conforming to IEC 61140
<b>IP degree of protection</b>	IP66 IEC 60529
<b>NEMA degree of protection</b>	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 6
<b>Standards</b>	IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
<b>Product Certifications</b>	NEMA UL 508
<b>Vibration resistance</b>	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	50 gn IEC 60068-2-27

## Ordering and shipping details

<b>Category</b>	US10CS121426
<b>Discount Schedule</b>	OCS1
<b>GTIN</b>	785901034360
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1

Package 1 Height	2.17 in (5.500 cm)
Package 1 Width	1.85 in (4.700 cm)
Package 1 Length	3.62 in (9.200 cm)
Package weight(Lbs)	4.974 oz (141.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	16
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	4.978 lb(US) (2.258 kg)

## Contractual warranty

Warranty	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Ae0c4eb9-0bfb-40a4-851f-5c619fbe777d
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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 <a href="#">www.P65Warnings.ca.gov</a>

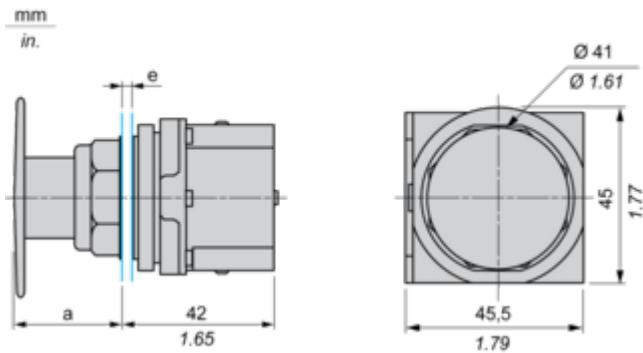
## Use Again

### Repack and remanufacture

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Dimensions Drawings

## Dimensions



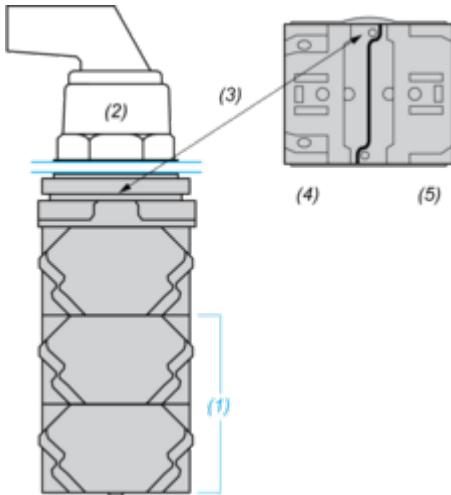
e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

a 32 mm / 1.26 in.

## Mounting and Clearance

Contact Block Mounting Position

Top and Rear views



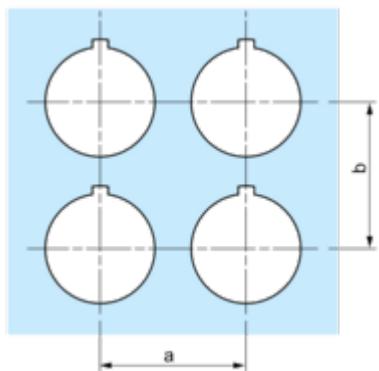
(1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)

(2) Operator

(3) Locating notch

(4) Side 1

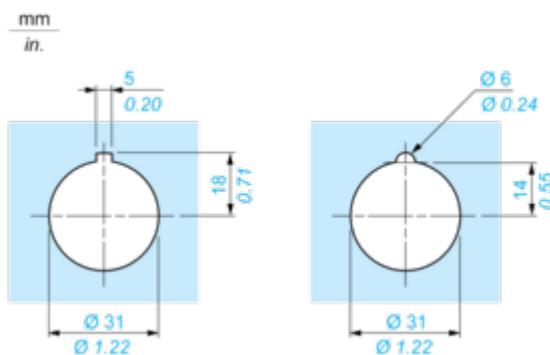
(5) Side 2

**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



## Offer Marketing Illustration

### Product benefits / Features

### Features

#### Harmony 9001K



-   
Improved security thanks to finger-safe contact blocks and light modules
-   
Robustness to withstand the harshest environments
-   
Single screw Contact Block Fastening
-   
Large metal set of accessories to customize your product
-   
Automatic self-grounding operators without additional wiring

## Offer Marketing Illustration

## Product benefits / Features

## Technical Benefits

## Harmony 9001K

