

# Product data sheet

Specifications



## Joystick controller, Harmony 9001K, metal, 30mm, 2 directions, spring return to center, 2NO

9001K71H7

### Main

Range of product	Harmony 9001K
Product or component type	Joystick controller
Device short name	9001K
Sale per indivisible quantity	1
Type of operator	To centre spring return
Operator profile	80 mm long operating shaft

### Complementary

Bezel material	Metal
Mounting diameter	30 mm
Net weight	0.372 kg
Operating position	Horizontal
Shape of signaling unit head	Octagonal
Contacts type and composition	2 NO
Contact operation	Standard
Contacts usage	Standard
Positive opening	Without
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
Contacts material	Silver alloy contacts
Short-circuit protection	10 A cartridge fuse conforming to IEC 60947-5-1
[I <sub>th</sub> ] conventional free air thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
[U <sub>iimp</sub> ] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
[I <sub>e</sub> ] rated operational current	3 A at 240 V, AC-15, A600-Q600 conforming to NEMA 0.55 A at 125 V, DC-13, A600-Q600 conforming to NEMA
[I <sub>cm</sub> ] 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

<b>Rated breaking capacity</b>	3 kA at 240 V AC-15, 720 VA 6 kA at 120 V AC-15, 720 VA 1.2 kA at 600 V AC-15, 720 VA 1.5 kA at 480 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
<b>Device presentation</b>	Complete product
<b>Operator direction information</b>	2 directions
<b>Type of operator</b>	Spring return
<b>Size</b>	30 mm
<b>Return</b>	To centre

## Environment

<b>Protective treatment</b>	TC
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Overvoltage category</b>	II conforming to IEC 61140
<b>IP degree of protection</b>	IP66 conforming to IEC 60529
<b>NEMA degree of protection</b>	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4
<b>Standards</b>	IEC 60947-5-4 JIS C8201-5-1 UL 508 JIS C 852 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-1
<b>Product certifications</b>	UL 508 NEMA
<b>Vibration resistance</b>	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	50 gn conforming to IEC 60068-2-27

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.800 cm
<b>Package 1 Width</b>	5.400 cm
<b>Package 1 Length</b>	16.500 cm
<b>Package 1 Weight</b>	290.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm

Package 2 Weight	7.793 kg
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	77.400 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 >](#)

## Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

## 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>

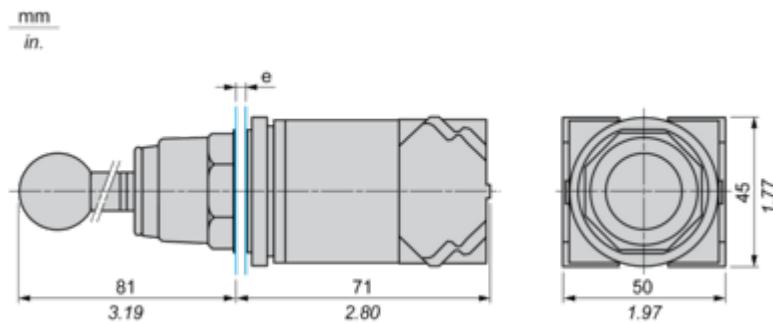
## Use Again

### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
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.

## 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

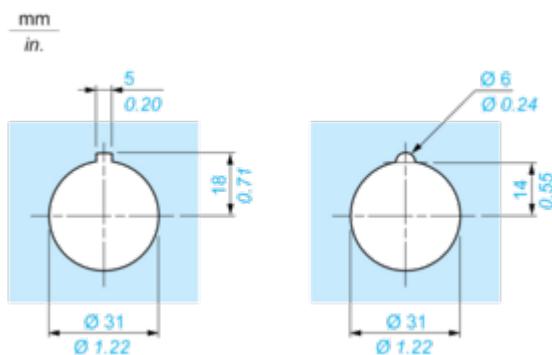
(5) Side 2

**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



Technical Description

**Joystick Positions**

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