

Product data sheet

Specifications



Joystick controller, Harmony 9001K, metal, 30mm, 2 directions, spring return to center, 2 NC

9001K31H8

Product availability: Non-Stock - Not normally stocked in distribution facility

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	1.2 in (30 mm)
Product Weight	0.820 lb(US) (0.372 kg)
Operating position	Vertical
Shape of signaling unit head	Octagonal
Contacts type and composition	2 NC
Contact operation	Standard
Contacts usage	Standard
Positive opening	With IEC 60947-5-2
Connections - terminals	Screw clamp terminals, 1 x 0.22...2 x 1.5 mm ² 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 _{th}] conventional free air thermal current	10 A
[U _i] rated insulation voltage	250 V 3)IEC 60947-1
[U _{iimp}] rated impulse withstand voltage	2.5 kV IEC 60947-1
[I _e] rated operational current	3 A 240 V, AC-15, A600-Q600 NEMA 0.55 A 125 V, DC-13, A600-Q600 NEMA
[I _{cm}] rated short-circuit making capacity	12 kA 600 V AC-15, 7200 VA 15 kA 480 V AC-15, 7200 VA 30 kA 240 V AC-15, 7200 VA 60 kA 120 V AC-15, 7200 VA

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

Rated breaking capacity	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
Device presentation	Complete product
Operator direction information	2 directions
Type of operator	Spring return
Size	30 mm
Return	To centre

Environment

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)
Overvoltage category	II conforming to IEC 61140
IP degree of protection	IP66 IEC 60529
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4
Standards	UL 508 JIS C8201-5-1 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-1 JIS C 852 CSA C22.2 No 14 JIS C8201-1
Product Certifications	NEMA UL 508
Vibration resistance	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27

Ordering and shipping details

Category	US10CS121426
Discount Schedule	0CS1
GTIN	785901028215
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.77 in (4.501 cm)
Package 1 Width	2.36 in (5.999 cm)

Package 1 Length	6.89 in (17.501 cm)
Package weight(Lbs)	10.240 oz (290.299 g)

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Ae0c4eb9-0bfb-40a4-851f-5c619fbe777d
REACH Regulation	REACH Declaration
California proposition 65	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. For more information go to www.P65Warnings.ca.gov

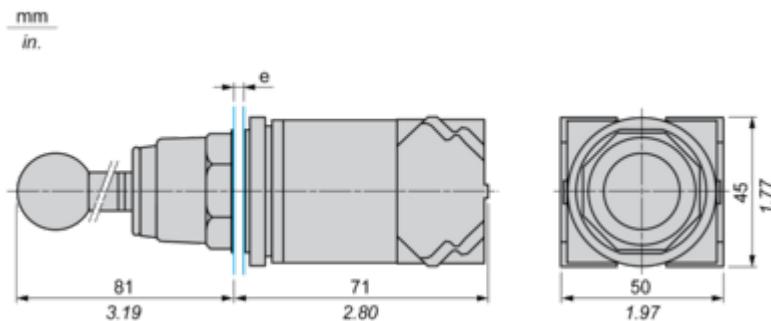
Use Again

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.

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

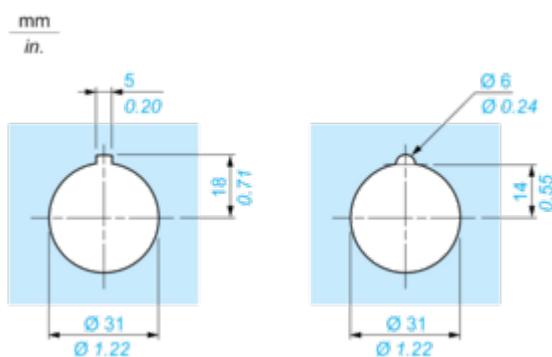
(5) Side 2

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



Offer Marketing Illustration

Product benefits / Features

Features

Harmony 9001K



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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



Image of product in real life situation

