

# Product data sheet

Specifications



## joystick controller - Ø 30 - 5 positions spring return - 2 CO

9001K35H2

### 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

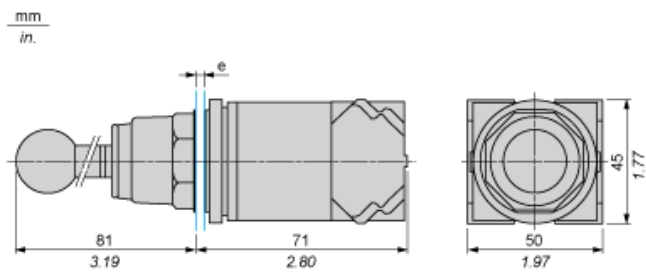
### Complementary

Bezel material	Chromium plated metal
Mounting diameter	30 mm
Net weight	0.372 kg
Operating position	Any position
Shape of signaling unit head	Octagonal
Operator position information	5 positions
Positive opening	Without
Connections - terminals	Screw clamp terminals, 1 x 0.22...2 x 1.5 mm² 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
[Ith] conventional free air thermal current	10 A
[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
[Ie] 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
[Icm] 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
Rated breaking capacity	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
Device presentation	Complete product
<b>Environment</b>	
Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Overvoltage category	II conforming to IEC 61140
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4
Standards	JIS C 852 JIS C8201-5-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 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 conforming to IEC 60068-2-27
<b>Packing Units</b>	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	299.371 g
Package 1 Height	5.08 cm
Package 1 width	5.842 cm
Package 1 Length	16.51 cm
Unit Type of Package 2	S01
Number of Units in Package 2	8
Package 2 Weight	2.657 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm
<b>Offer Sustainability</b>	
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) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

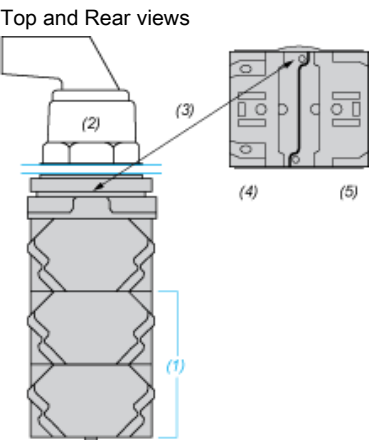
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>Contractual warranty</b>	
Warranty	18 months

Dimensions



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

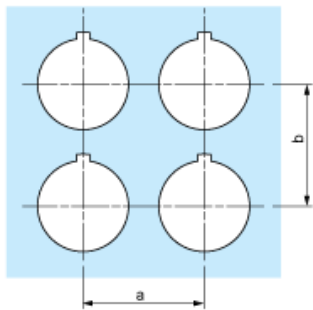
Contact Block Mounting Position



- (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

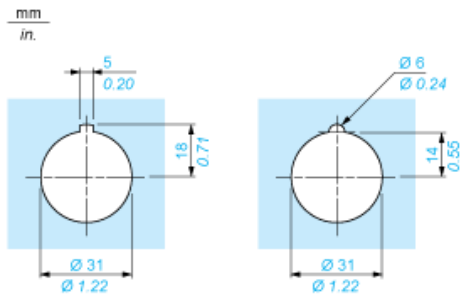
Clearance



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



Joystick Positions

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