

Switch Type Multi Control Device > RKJXL Series > RKJXL100401V

8-directional Stick Switch (with Center-push Function) RKJXL Series

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Part number **RKJXL100401V**

Number of operating shafts		Single-shaft	
Shaft material		Metal	
Contact resistance 8-direction & Center push		500mΩ max.	
Operating angle (8-direction)		Each direction 12±3°	
Travel (Center push)		0.2±0.1mm	
Operating temperature range		-30°C to +70°C	
Ratings (max.) (Resistive load)		10mA 5V DC	
Electrical performance	Directional resolution	8-direction	
	Insulation resistance	100MΩ min. 250V DC	
	Voltage proof	300V AC for 1 minute or 360V AC for 2s	
	Directional operating force	10±7mN·m	
	Push operating force	4.5±1N	
Mechanical performance	Actuator strength	Push/pull directions	100N (Push), 50N (Pull)
		Operating direction	100N
Durability	Operating life	Directions	Total with 8-direction 100,000 cycles
		Center push	100,000 cycles

Environmental performance	Cold	-40±2°C for 500h
	Dry heat	85±2°C for 500h
	Damp heat	60±2°C, 90 to 95%RH for 500h
Minimum order unit (pcs.)	Japan 800	
	Export 1,600	
3D CAD (STEP)		
Certificate of Compliance to RoHS regulations		

Photo

Dimensions

Mounting Hole Dimensions

Output Relation Chart between Lever Position and ON Position

Circuit Diagram

Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	800
	1 case / export packing	1,600
Export package measurements (mm)	380×545×150	

Soldering Condition

Reference for Dip Soldering

Preheating	Soldering surface temperature	120°C max.
	Heating time	70s max.
Dip soldering	Soldering temperature	260°C max.
	Soldering time	6s max.
No. of solders		2 time max.

Reference for Hand Soldering

Tip temperature	350±5°C
Soldering time	3s max.
No. of solders	1 time