

List of Varieties

Items	Type		9mm Size Insulated Shaft Snap-in	11mm Size Insulated Shaft Snap-in	12mm Size Insulated Shaft Snap-in	14mm Size Insulated Shaft Snap-in	9mm Size Insulated shaft Long-life	12mm Size Insulated shaft Snap-in	
	Model		RK09K11□ RK09D11□	RK09K12□	RK11K11□	RK12L12□	RK14K12□	RK09Y11L	RK12L115
			Single-unit	Dual-unit	Single-unit	Dual-unit		Single-unit	
Photo									
Bushing			Without	With/With out	Without	With/With out	Without	With	
Operating temperature range			-10°C to +70°C						-40°C to +85°C
Electrical performance	Total resistance tolerance		±20%	±30%	±20%		±30%	±20%	
	Maximum operating voltage		50V AC 20V DC	50V AC For AC only	50V AC 20V DC	50V AC For AC only		50V AC 5V DC	50V AC 20V DC
	Insulation resistance		100MΩ min. 250V DC		100MΩ min. 500V DC	100MΩ min. 250V DC			
	Voltage proof		250V AC for 1minute		500V AC for 1minute	300V AC for 1minute		250V AC for 1minute	300V AC for 1minute
	Gang error		—	-40dB to 0dB 3dB max.	—	Volume control -40dB to 0dB 3dB max. For tone control within 2dB at center		—	—
Mechanical performance	Strength of the actuator	Stopper strength	0.3N·m		Without bushing 0.5N·m With bushing 0.6N·m	0.5N·m	0.6N·m	—	0.5N·m
		Push-pull strength	50N max.		80N max.		30N max.	80N max.	
	Vibration		10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z and for 2 hours respectively						
	Resistance to soldering heat	Manual soldering	350°C max. 3s max.						
Dip Soldering		—		260°C max. 5s max.	—				
Environmental performance	Cold		-30±2°C for 96h				-30±2°C for 240h	-40±3°C for 96h	
	Dry heat		70±2°C for 96h		70±2°C for 240h	70±2°C for 96h	70±2°C for 240h	85±3°C for 96h	
	Damp heat		40±2°C, 90 to 95% RH for 96h				40±2°C, 90 to 95% RH for 240h	40±2°C, 90 to 95% RH for 96h	
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● Insulated Shaft Potentiometers Cautions402, 403

Rotary Potentiometers
Slide Potentiometers

Metal Shaft
Insulated Shaft
Knob Operating