

PRZ W12P10R/S 5A

Mechanical properties	Project	Experimental conditions		Specification		
	Motion Power	Apply load slowly to the starter in a vertical direction		About 2-4N		
	Mechanical life	At a speed of 30 times/minute without load		The operation cycle count reached 500,000 times.		
	Solderability	Soldering temperature 230±5°C, immersion time 3±0.5s		The tinned surface accounts for more than 90% of the dipping area.		
	Heat resistance	Soldering temperature 260 ± 5°C, immersion time 5 ± 15		No abnormalities in electrical and mechanical properties		
Electrical performance	Contact resistance	6V. DC		≤50mΩ		
	Insulation resistance	500V DC for 1 minute		≥1000mΩ		
	Withstand voltage test	Test conditions			Requirement	
		Micro disconnect	1000Vac/50Hz, duration 1min		No flashover, no breakdown	
		Basic insulation	1000Vac/50Hz, duration 1min			
	Durability test	Overload test	5A/250VAC, 6-10 cycles/min, 50 cycles in total		Normal function	
		Durability test	5A/250VAC, 6-10 cycles/min, 10,000 cycles in total			
Temperature test		5A/250V, continuously powered for 1 hour until temperature stabilizes, connecting wire specifications: 18AWG		Terminal temperature ≤30k		
Rear configuration	Wiring connector (2.8*0.5mm)	Button material	Stainless steel casing	Wiring type	J-connector	
Switch type	(Double new point slow-moving contact)	Shell material	copper shell	Type with lights	/	
Panel thickness	1-10mm	Base material	PA66	Head shape	P flat	
Nut torque	Approximately 0.6 Nm	Operating procedures	Approximately 2.5mm			

