

Product Specifications Related Parameters

1. Product Name	Metal push button switch	
2. Product model	YL12C-C11PZ/2	
3. Electrical parameters	5A/250V	
4. Temperature range	-20C ~ +55C	
5. Protection level	IP65 IP67	
6. Switch combination	1-1NO	
7. Operation Type	Self-locking/self-resetting	
8. LED voltage		
9. Lamp life		

Product Performance

Mechanical properties	project	Experimental conditions	Specification
	Action force	Slowly apply load to the head in the vertical direction	About 2 to 4N
	Mechanical life	Under no load, at a speed of 30 times/min	Operation cycle times up to 500,000 times
	Solderability	Soldering temperature $230 \pm 5^{\circ}\text{C}$ Dipping time $3 \pm 0.5\text{S}$	The tinned surface is more than 90% of the dipping area
	Heat resistance	Soldering temperature $260 \pm 5^{\circ}\text{C}$ Dipping time 5 ± 15	No abnormality in electrical and mechanical performance
	Contact resistance	6V. DC	$\leq 50\text{m}\Omega$
	Insulation	500V. DC for 1 minute	$\geq 1000\text{m}\Omega$

E l e c t r i c a l p e r f o r m a n c e	resistance				
	Withstand voltage test	Test conditions		Require	
		Micro-disconnect	1000Vac/50Hz, lasting 1min	No flashover and no breakdown	
		Basic insulation	1000Vac/50Hz, lasting 1min		
	Durability test	Overload test	5A/250VAC, 6-10 times/min, 50 times in total	Normal function	
		Durability test	5A/250VAC, 6-10 times/min, 10,000 times in total		
	Temperature test		5A/250V, continuous power supply for 1 hour until the temperature rise stabilizes, connecting wire specification: 18AWG	Terminal temperature $\leq 30k$	
Tail configuration:		Wiring plug (2.8*0.5mm)	Button Material:	stainless steel shell	Wiring Type: J terminal block
Switch type:		* (double new point slow moving contacts)	Housing material;	Copper shell	Light type none
Panel thickness;		1-10mm	Base material;	PA66	Head shape P high
Nut torque:		About 0.6Nm	Operation schedule:	About 2.5mm	
Light color:					
Rated current:					