

**leOne**®

SC10

Relays

10A PCB Power Relay



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Prepared By	Approved By	Customer Approval
		Signature with Company Seal

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SC10 - S - DC12V - 2.5K - A

Relay Series:- \_\_\_\_\_  
 Sealing:- S: Plastic sealed type \_\_\_\_\_  
 Coil Voltage :- DC: 5~48V \_\_\_\_\_  
 Special Design: \_\_\_\_\_  
 Blank:- For standard relay  
 2.5K:- For 2500VAC dielectric strength between coil & contacts  
 1A:- Special design to take high In-rush current  
 Contact Form: A -1A / Nill - 1C \_\_\_\_\_

Model		SC10			
Features	Dimension L * W * H (mm)	19 * 15.5 * 15.5			
	Terminal Type	PCB			
	Weight	10.5 gm Approximately			
Contact Data	Contact Form	1A , 1C			
	Contact Material	Ag Alloy			
	Contact Capacity	10A @240VAC, 10A @ 28VDC			
Coil Data (Coil Insulation: Class F available for 2.5K dielectric relay)	Coil Voltage ( DC)	5 ~ 48VDC			
	Coil Power Consumption	0.36W			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage (VDC)	Drop Out Voltage (VDC)
		5 VDC	70	80 %	5 %
		6 VDC	100	80 %	5 %
12 VDC		400	80 %	5 %	
24 VDC	1600	80 %	5 %		
General Data	Dielectric Strength	750 VAC @ 50 Hz / Min (Between Open Contacts)			
		For standard relay: 1500 VAC @ 50 Hz / Min ( Between Coil & Contacts)			
		For 2.5K relay: 2500 VAC @ 50 Hz / Min ( Between Coil & Contacts)			
	Insulation Resistance	250 MΩ			
	Electrical Life	1 x 10 <sup>5</sup>			
	Mechanical Life	1 x 10 <sup>7</sup>			
Operating Temperature	- 40 °C ~ + 70°C				
Mounting Diagram					
Application	UPS, Inverter, AC, Microwave, Vending Machine, Timer, SMPS, Card Reader etc.				