

leOne[®]

LP100FC

Relays

Power Relay
100A Screw Terminal Relay



LP100FC - 1C - 12VDC

Relay Type:-

Contact Form:- 1C

Coil voltage :- DC:- 12, 24V
AC : 240 VAC

Model		LP100FC			
Features	Dimension L * W * H (mm)	71.5 x 46 x 103.6			
	Terminal Type	Screw Terminal			
Contact Data	Contact Form	1C			
	Contact Material	Ag Alloy			
	Contact Capacity	1C: 100A/250VAC			
	Contact Resistance	100mohm (Max.)			
Coil Data	Coil Voltage (DC / AC)	12, 24VDC / 240 VAC			
	Coil Power Consumption	DC:-3.6W/AC:-4.4VA			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) $\pm 10\%$	Pull in Voltage	Drop Out Voltage
		12 VDC	40	80 %	10%
		24 VDC	160	80 %	10%
240 VAC		11000	80 %	10%	
General Data	Dielectric Strength	1200 VAC @ 50 Hz / Min (Between Contacts)			
		2500 VAC @ 50 Hz / Min (Between Coil & Contacts)			
	Insulation Resistance	1000 M Ω			
	Electrical Life	1×10^5			
	Mechanical Life	1×10^7			
	Operate or Release time	25 ms / 25ms			
Operating Temperature	- 40 °C ~ + 55°C				
Mounting Diagram					
Application	Inverter, Voltage stabilizer, High Power Application, Phase Changeovers, Motor Controller, Street Lighting, HVAC etc;				