

**leOne**<sup>®</sup>

LP80FC

Relays

Power Relay  
80A Screw Terminal Relay



LP80FC - 1C - 12VDC

Relay Type:-

Contact Form:- 1C

Coil voltage :- DC:- 12, 24V

AC : 240 VAC

Model		LP80FC			
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: 80A/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 ( $\Omega$ ) $\pm 10\%$	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 $\Omega$			
	Electrical Life	$1 \times 10^5$			
	Mechanical Life	$1 \times 10^7$			
	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.				