

**leOne**<sup>®</sup>

LP40BC

Relays

Power Relay  
40A Screw Terminal Relay

Ver 1.0



Relay Type:- LP40BC - 1C - 12VDC  
 Contact Form:- 1C  
 Coil voltage :- DC:- 12, 24V  
 AC : 240 VAC

Model		LP40BC			
Features	Dimension L * W * H (mm)	62 x 51 x 65.6			
	Terminal Type	Screw Terminal			
Contact Data	Contact Form	1C			
	Contact Material	Ag Alloy			
	Contact Capacity	40A/250VAC			
	Contact Resistance	100mohm (Max.)			
Coil Data	Coil Voltage ( DC / AC )	DC: 12, 24 VDC / AC: 240VAC			
	Coil Power Consumption	DC:- 3.6 W / AC:- 4.4 VA			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage	Drop Out Voltage
		12 VDC	40	80 %	10%
		24 VDC	160	80 %	10%
240 VAC		12000	80 %	10%	
General Data	Dielectric Strength	1200 VAC @ 50 Hz / Min (Between Contacts)			
		2500 VAC @ 50 Hz / Min ( Between Coil & Contacts)			
	Insulation Resistance	1000 MΩ			
	Electrical Life	1 x 10 <sup>5</sup>			
	Mechanical Life	1 x 10 <sup>7</sup>			
	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,				