

**leOne**<sup>®</sup>

LP40FC

Relays

40A, Power Relay



**LP40FC - 2C - 12VDC**  
 Relay Type:- \_\_\_\_\_  
 Contact Form:- 2C \_\_\_\_\_  
 Coil voltage :- DC:- 12, 24V \_\_\_\_\_  
                           AC : 240 VAC

Model		LP40FC			
Features	Dimension L * W * H (mm)	48 x 51 x 76.5			
	Terminal Type	QCT - Quick Connect Terminal			
Contact Data	Contact Form	2C			
	Contact Material	Ag Alloy			
	Contact Capacity	40A/250VAC			
	Contact Resistance	100mohm (Max.)			
Coil Data	Coil Voltage ( DC)	DC: 12, 24 VDC / AC: 240VAC			
	Coil Power Consumption	DC: 2.5W / AC : 2.5 VA			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage	Drop Out Voltage
		12 VDC	60	80 %	10%
		24 VDC	230	80 %	10%
240 VAC		18000	90 %	30%	
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	25ms / 25ms			
	Operating Temperature	- 40 °C ~ + 55°C			
Mounting Diagram					
Application	Inverter, Voltage stabilizer, High Power Application, Phase Changeovers, Motor Controller, Street Lighting, HVAC etc.				