L90H

PCB Power Relay

30/20A, 40/30A, 50/40A
Coil Voltage 220VAC is also Available

L90H - C S - DC12V - 30/20 - B

Relay Type:-

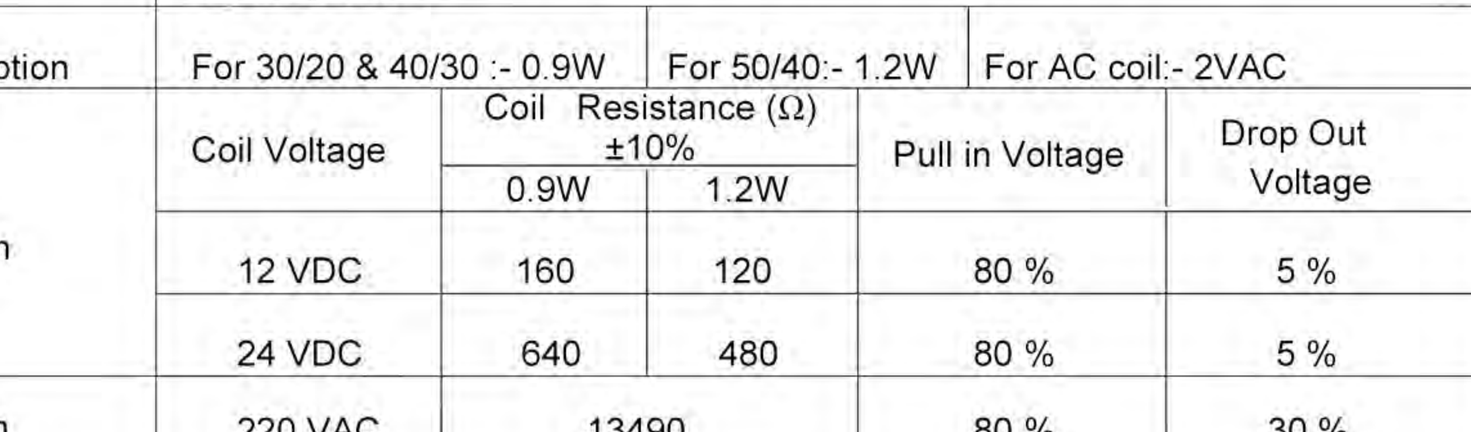
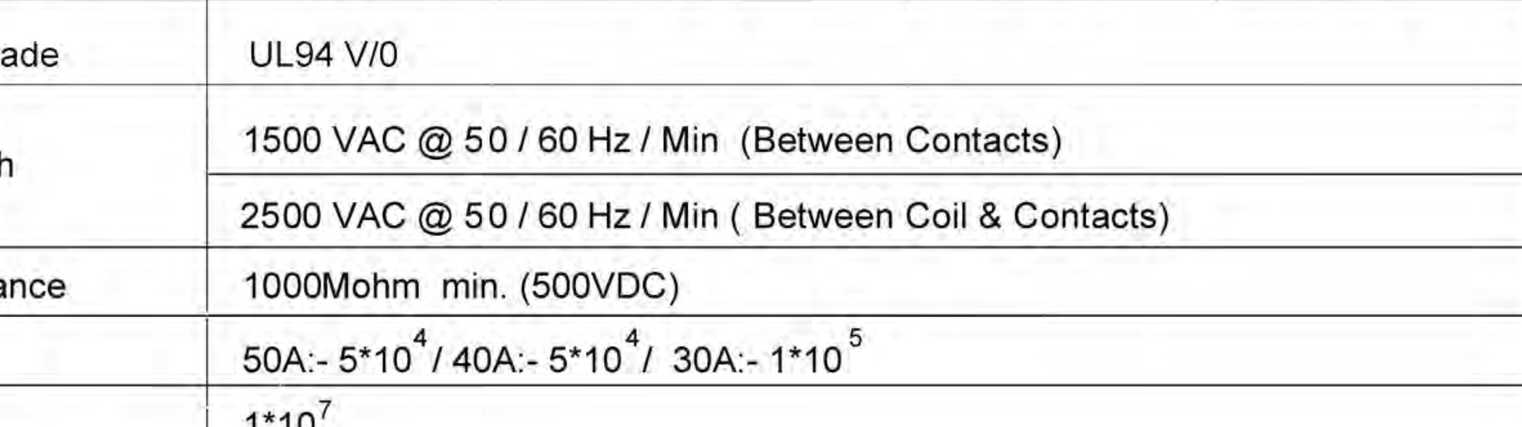
Contact Form:- 1C / 1A

Type of Sealing:- S: Sealed Type

Coil Voltage:- 12VDC, 24VDC & 220VAC

Contact Capacity:- 30/20:- NO:- 30A / NC:- 20A
40/30:- NO:- 40A / NC:- 30A
50/40:- NO:- 50A / NC:- 40A

Contact Terminal:- Nil:- Standard Terminals, B:- Big Terminals

Model		**L90H**			
Features	Dimension L * W * H (mm)	32 x 27.2 x 20			
	Terminal Type	PCB type, Contact terminals:- Standard terminals & Big terminals available			
	Weight	30 gm Approximately			
Contact Data	Contact Form	1C / 1A			
	Contact Material	Ag Alloy			
	Contact Capacity	30/20:- NO:30A 240VAC / NC:20A 240VAC 40/30:- NO:40A 240VAC / NC:30A 240VAC 50/40:- NO:50A 240VAC / NC:40A 240VAC			
	Contact resistance	100mohm (Max.)			
Coil Data **(Coil Insulation: Class F)**	Coil Voltage (DC)	12VDC, 24VDC			
	Coil Power Consumption	For 30/20 & 40/30 :- 0.9W	For 50/40:- 1.2W	For AC coil:- 2VAC	
	DC Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage	Drop Out Voltage
			0.9W / 1.2W		
		12 VDC	160 / 120	80 %	5 %
		24 VDC	640 / 480	80 %	5 %
	AC Coil Specification	220 VAC	13490	80 %	30 %
General Data	Fire-resistance grade	UL94 V/0			
	Dielectric Strength	1500 VAC @ 50 / 60 Hz / Min (Between Contacts)			
		2500 VAC @ 50 / 60 Hz / Min (Between Coil & Contacts)			
	Insulation Resistance	1000Mohm min. (500VDC)			
	Electrical Life	50A:- $5*10^4$ / 40A:- $5*10^4$ / 30A:- $1*10^5$			
	Mechanical Life	$1*10^7$			
	Operating / Release Time	15ms / 10ms Max.			
	Operating Temperature	-55°C~+85°C			
Mounting Diagram	Diagram for 30/20, 40/30 & 50/40 Standard Terminals				
	Diagram for 50/40-B Big Terminals				
Application	High contact load switching capability.				