



L90H

Relays

PCB Power Relay

This document is a property of Evolute Solutions Pvt. Ltd. This is a completely confidential document and cannot be copied, duplicated or re-distributed without permission from the owner. Evolute holds the right to change the specifications without prior notice. All Rights Reserved.

Prepared By	Approved By	Customer Approval
		Signature with Company Seal

Kindly return this datasheet to us with your signature and company seal within two months, or we will consider the document to be accepted by you.



L90H - C S - DC12V

Relay Type:-

Contact Form:- 1C

Type of Sealing:- S: Plastic Sealed

Coil Voltage:- 12VDC & 24VDC

Model		L90H			
Features	Dimension L * W * H (mm)	32.3 * 27.5 * 20.0			
	Terminal Type	PCB			
	Weight	36gm approximately			
Contact Data	Contact Form	1C			
	Contact Material	Ag Alloy			
	Contact Capacity	NO:- 45A @240VAC NC:- 30A @240VAC			
	Contact Resistance	100mΩ Max. (at 1A / 24VDC)			
Coil Data	Coil Voltage	12VDC & 24VDC			
	Coil Power Consumption	0.9W			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage Max. (VDC)	Drop Out Voltage Min. (VDC)
		12VDC	160	75 %	10%
24VDC	660	75 %	10%		
General Data	Dielectric Strength	1500VAC (Between open Contacts)			
		2500VAC (Between coil & Contacts)			
	Insulation Resistance	100MΩ @500VDC			
	Operate Time	15ms			
Release Time	10ms				
Dimension	<p style="text-align: center;">1 Form C</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Outline Dimensions</p> </div> <div style="text-align: center;"> <p>Wiring Diagram (Bottom view)</p> </div> <div style="text-align: center;"> <p>PCB Layout (Bottom view)</p> </div> </div>				
Application	Television, Stereo, Microwave, Air Conditioner, Refrigerator, Iron, Electrical Boiler, Satellite Receiver, etc.				