

## Description

This latching, HID lighting control relay is equipped with permanent magnetic latching technology. It is rated for a 25A circuit at 300VAC.

## Highlights:

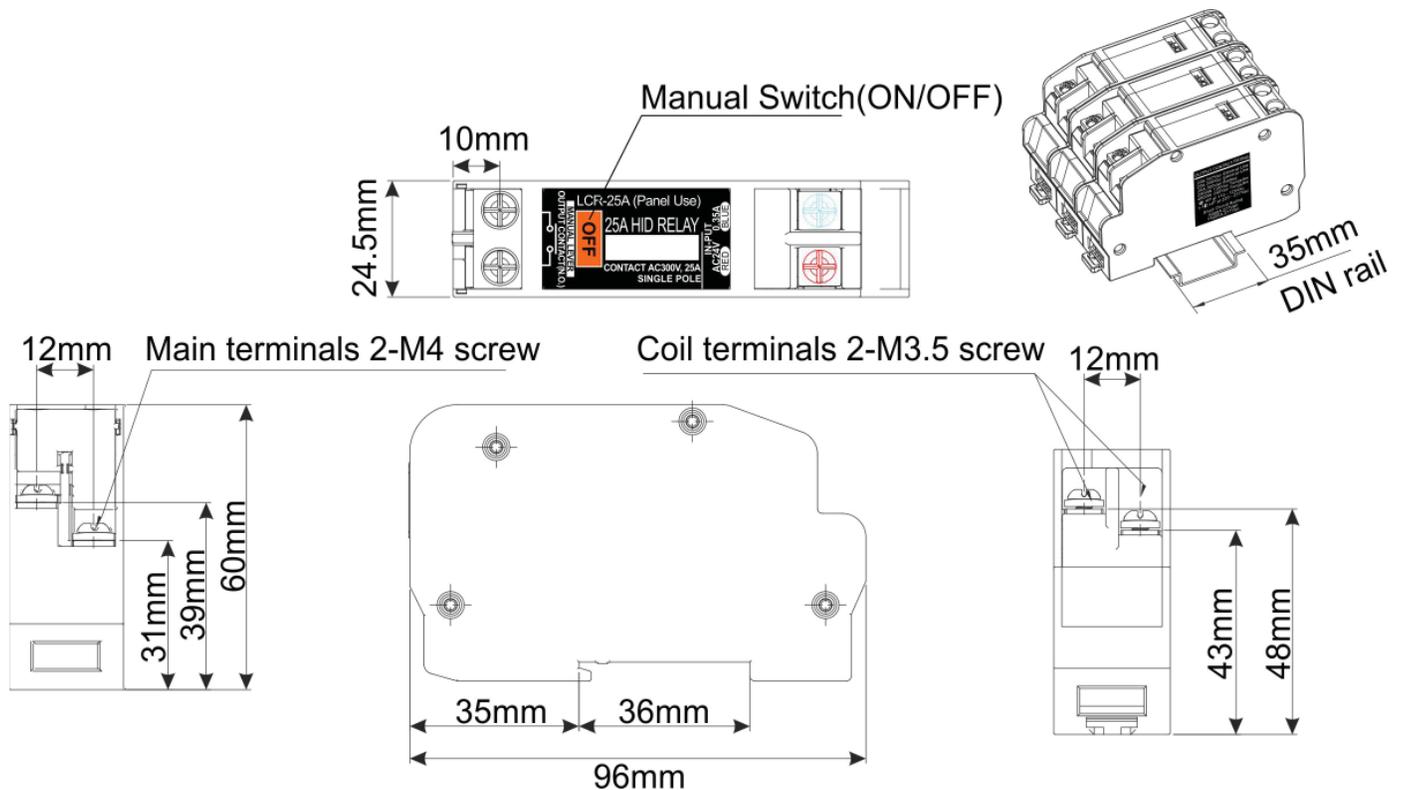
- Permanent Magnetic-Latching Technology
- Extended-Life Contact Design
- Threaded Contact for Easy Wiring
- 24V AC Operating Voltage
- Short circuit rating: 5000A 277VAC, 14000A 277VAC
- Support manual switch: on/off

## Application:

Electrical heating, compressor controls, Latching controls



## Dimensions



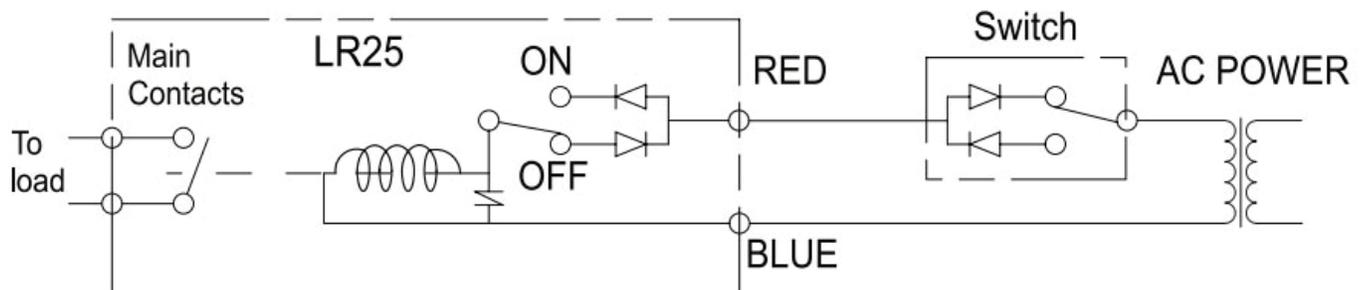
## Lighting Control Relay

### Specification

Spec.	Nominal voltage VAC	Sset voltage VAC(Min.)	Reset voltage VAC(Min.)	Nominal operating current (A)	Nominal operating power (VA)	Maximum allowable voltage
Coil ratings	24	18	18	0.35	8.4	30.0
Contact ratings	Maximum switch current			25(A)		
	Maximum switch voltage			AC 300(V)		
	Max. Switching capacity			7.5KVA		
	Resistive load (CosØ=1)			25(A) 300V AC		
	Inductive load			25(A) 300V AC		
	Incandescent lamp load			25(A) 220V AC		
	Fluorescent lamp load			25(A) 270V AC		
	Motor load			1/2HP 110 ~ 125V AC		
				1-1/2HP 220 ~ 277V AC		
	Short Circuit Rating			5000A 277V AC		
				14000A 277V AC		
	Insulation resistance			Min. 100Ω(DC 500V Meggre)		
	Dielectric strength			AC 2000V (50/60Hz) for 1 minute (AC 1800V between same pole contacts)		
	Mechanical life			Min. 200,000 operations		
	Electical life			Min. 50,000 operations		
Operatating ambient temperature			-55C ~ +60C (in case, it should not be forzen)			
Humidity			35% ~ 85% RH			

Note: 1. Nominal operating current and coil resistance are measured at + 20C  
 2. Operating Coil (AC 6, 12, 24, 48, 100/100, 200/200V, 50/60Hz)

### Circuit Diagram



# Lighting Control Relay

