Special Function – Alternating

R66 Series (Includes RLY300) UL CSA

Features

- **For Duplex Loads**
- **Transient Protection**
- **LED Indicates Output Relay Status**
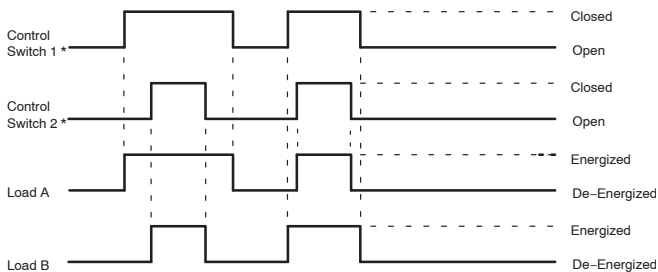- **Compact 8–Pin Octal Plug–In Case**

OPERATION

Alternating Relays are used in special applications where the optimization of load usage is required by equalizing the run time of two loads. This alternating action is initiated by a control switch, such as a float switch, manual switch, timing relay, pressure switch, or other isolated contact. each time the initiating switch is opened, the relay contacts will change state alternating the two loads.
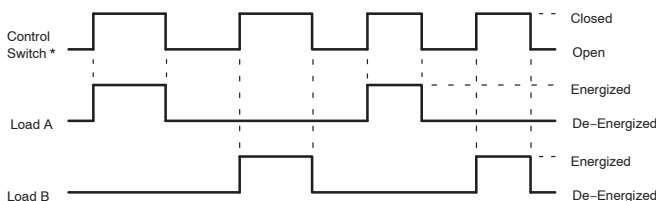
Alternating Relays with cross–wired contacts can operate as normal alternating relays when one control switch is used. If a second lag switch is used, the relay will simultaneously operate two loads on a first ON, last OFF basis.
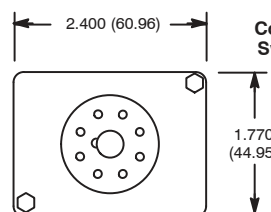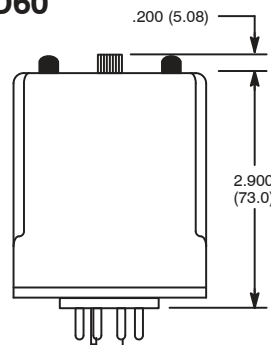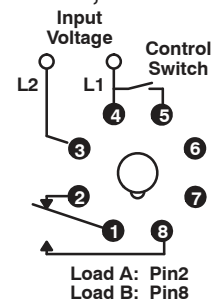

* With voltage applied

Alternating, 10 Amp, AC, SPDT & DPDT Cross–Wired Contact Relays.

D60

.200 (5.08)
2.900 (73.0)

2.400 (60.96)
1.770 (44.95)

SPDT, 1 Form "C"

Load A: Pin2
Load B: Pin8

DPDT Cross–Wired 2 Form "C"

Load A: Pin8 & L2
Load B: Pin7 & L2
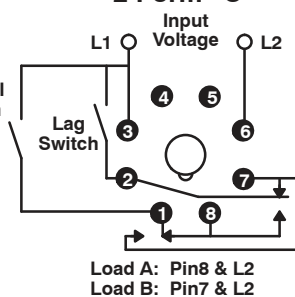
Electrical Specifications

Contact

Rating: 10 Amps resistive at 240VAC, 1/2 HP at 240VAC, 10 Amps resistive at 30VDC
Life: 500,000 operations at full load
Mechanical Life: 7,000,000 operations at no load

Operational Characteristics

Voltage Tolerances: +10%, −15% at 50/60Hz
Power Required: 3VA

Protection

Transient: 10,000V for 20µs
Indicator LED: 2 LED's marked LOAD A and LOAD B

Environmental Characteristics

Operating: −28°C to +65°C

AC OPERATED					
NTE Type No.	Nom. Voltage	Input Current	Contact Arr.	Max. Contact Cur. @ 30VDC or 240VAC	Diag No.
RLY314	24VAC	125mA	SPDT	10A	D60
R66–5A10–120	120VAC	25mA	SPDT	10A	D60
R66–5A10–240	240VAC	125mA	SPDT	10A	D60
RLY352	24VAC	125mA	DPDT (Cross–Wired)	10A	D60
R66–11CA10–120	120VAC	25mA	DPDT (Cross–Wired)	10A	D60
R66–11CA10–240	240VAC	125mA	DPDT (Cross–Wired)	10A	D60

ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
SURFACE MOUNT	8–PIN OCTAL	R95–101
PANEL MOUNT	8–PIN OCTAL	R95–118
DIN RAIL MOUNT	8–PIN OCTAL	R95–113