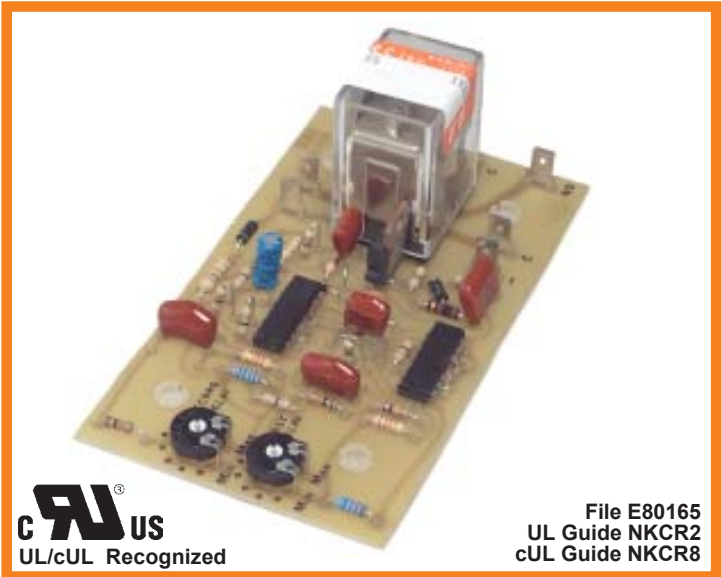




P.O. Box 2956 · Syracuse · New York · 13220
 Phone: (315) 433-1150 Fax: (315) 433-1521
 Toll Free US & Canada (800) 334-0837
 Email: sales@infitec.com

SRR SERIES OPEN BOARD RECYCLING TIME DELAY RELAY



File E80165
 UL Guide NKCR2
 cUL Guide NKCR8

FEATURES

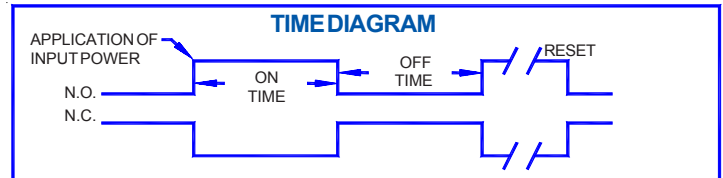
- C/MOS Digital Circuitry
- Time Delays To 1000 Minutes
- No First Cycle Effect
- 0.5% Repeat Accuracy
- 2% Stability Over Voltage And Temperature
- DPDT 10 Ampere Output Rating

SPECIFICATIONS

1. **Time Delay.**
 - 1.1 Type: C/MOS Digital Circuitry
 - 1.2 Range: From 0.05 seconds to 1000 minutes. Fixed delays available (see time delay range chart)
 - 1.3 Repeat accuracy: $\pm 0.5\%$ under fixed conditions
 - 1.4 Setting accuracy: $\pm 10\%$
 - 1.5 Reset time: 100 milliseconds maximum
 - 1.6 Recycle time: 150 milliseconds
 - 1.7 Time delay vs. voltage and temperature: $\pm 2\%$
2. **Input.**
 - 2.1 Operating voltage: 24, 120 & 230 VAC, 12, 24 & 110 VDC
 - 2.2 Tolerance: $\pm 20\%$ of nominal
 - 2.3 Frequency: 50 - 60 Hertz
3. **Output.**
 - 3.1 Type: Electromechanical relay
 - 3.2 Form: DPDT
 - 3.3 Rating: 10 amperes resistive at 30 VDC, 120/240 VAC
 - 3.4 Life: Electrical - full load - 1,000,000 operations
 Mechanical - 10,000,000 operations
4. **Protection.**
 - 4.1 Transient: ± 1500 volts for 150 microseconds
 - 4.2 Polarity: DC units are reverse polarity protected
 - 4.3 Dielectric breakdown: 1500 volts RMS minimum
5. **Mechanical.**
 - 5.1 Mounting: #6 screw clearance (4 places)
 - 5.2 Termination: 3/16" or 1/4" quick connect terminals
 - 5.3 Style: Open board / surface mount
6. **Environmental.**
 - 6.1 Operating temperature: -20°C to $+80^{\circ}\text{C}$
 - 6.2 Storage temperature: -30°C to $+85^{\circ}\text{C}$
 - 6.3 Humidity: 95% relative, non-condensing

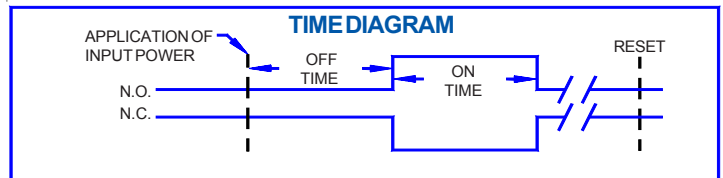
MODE OF OPERATION ON/OFF RECYCLE

Upon application of power to the input terminals, the **ON** delay begins and the output contacts transfer. Upon completion of the **ON** delay, the output contacts revert back to their original position and the **OFF** delay begins. Upon completion of the **OFF** delay, the output contacts again transfer and the cycle repeats. Reset is accomplished by removal of input power.

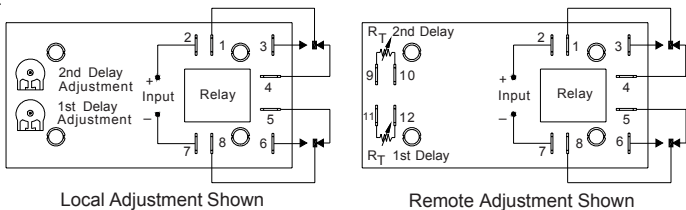


OFF/ON RECYCLE

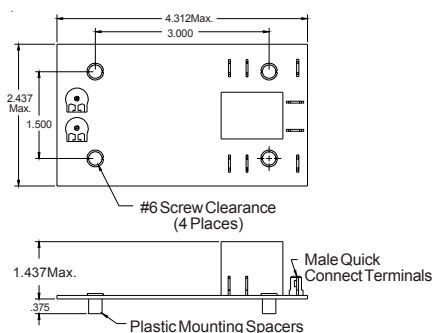
Upon application of power to the input terminals, the **OFF** delay begins. Upon completion of the **OFF** delay, the output contacts transfer and the **ON** delay begins. Upon completion of the **ON** delay, the output contacts revert to their original position and the cycle repeats. Reset is accomplished by removal of input power.



CONNECTION DIAGRAM



DIMENSIONS



ORDERING INFORMATION

SERIES	TERMINATION	INPUT VOLTAGE	ADJUSTMENT	CYCLE	1ST TIME RANGE	2ND TIME RANGE
SRR	2 - 3/16" Quick Connect 3 - 1/4" Quick Connect	1 - 12 VDC 2 - 24/28 VDC 4 - 24 VAC 5 - 120 VAC 6 - 230 VAC 9 - 36 VDC	0 - Both Delays Local Adj. 0A- 1st Delay Fixed 2nd Delay Local Adj. 0B- 1st Delay Local Adj. 2nd Delay Fixed 0C- 1st Delay Ext. Adj. 2nd Delay Local Adj. 0D- 1st Delay Local Adj. 2nd Delay Ext. Adj. 1 - Both Delays Factory Fixed 1A- 1st Delay Fixed 2nd Delay Ext. Adj. 1B- 1st Delay Ext. Adj. 2nd Delay Fixed 2 - Both Delays Ext. Adj.	1 - On Time First 2 - Off Time First	See Time Delay Range Chart	