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FEATURES

- 65° Ambient Operation
- Externally Adjustable from .2 to 8 Minutes
- Encapsulated Construction
- 2 Terminal Connection
- · High Reliability
- No First Cycle Effect
- Low Cost
- 19-264 Volts AC or DC Operation
- 1 Unit to Stock
- UL/cUL Recognized

SPECIFICATIONS

1. Time Delay

- 1.1 Type: External Adjust
- 1.2 Range: 0.2 to 8 Minutes (12 to 480 Seconds)

Note: 3 Megohm RT = Maximum Time Delay. For shorter delays, every 6.5K of resistance pro-

vides one second. (6.5K/Second)

- 1.3 Repeat Accuracy: ±2% Under Fixed Conditions
- 1.4 Reset Time: 50 Milliseconds Maximum
- 1.5 Recycle Time: 100 Milliseconds During Timing 50 Milliseconds After Timing

2. Input

- 2.1 Operating Voltage: 19 264 Volts AC or DC
- 2.2 Frequency: 50 60 Hertz

3. Output

- 3.1 Type: Solid State
- 3.2 Form: SPST
- 3.3 Rating: 1 Ampere Maximum, 10 Ampere Inrush (40mA Minimum or Consult Factory)
- 3.4 Life: 100,000,000 Operations Minimum

4. Protection

- 4.1 Transient: ±1500 Volts for 150 Microseconds
- 4.2 Dielectric Breakdown: 1500 Volts RMS Minimum

5. Mechanical

- 5.1 Mounting: One #8 or #10 Screw
- 5.2 Termination: 1/4" Quick Connect Terminals
- 5.3 Style: Surface Mount Encapsulated

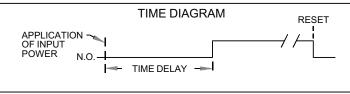
6. Environmental

- 6.1 Operating Temperature: -20°C to +60°C
- 6.2 Storage Temperature: -30°C to +85°C
- 6.3 Humidity: 95% Relative, Non-Condensing

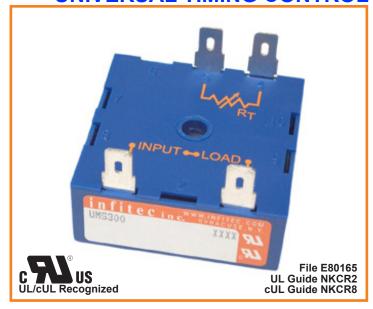
MODE OF OPERATION

DELAY ON MAKE

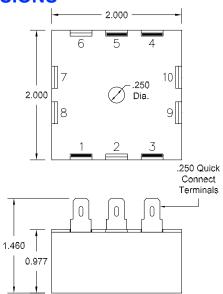
Upon application of power to the input terminals, the time delay begins. At the completion of the pre-selected time delay, the output contact transfers. Reset is accomplished by removal of input power. There is no false output when reset during timing.



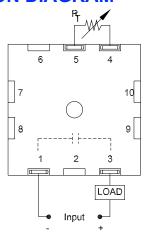
UMS300 ENCAPSULATED UNIVERSAL TIMING CONTROL



DIMENSIONS



CONNECTION DIAGRAM



ORDERING INFORMATION

ORDER P/N: UMS300