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FEATURES

- C/MOS Digital Timing
- 80° Ambient Operation
- Knob or Remote Adjustable from .2 to 8 Minutes
- Encapsulated Construction
- 2 Terminal Series Connection (UMS100A & UMS200)
- 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: Knob Adjustable (UMS200 - Remote Adj.)
- 1.2 Range: 0.2 to 8 Minutes
- 1.3 Repeat Accuracy: $\pm 0.5\%$ Under Fixed Conditions
- 1.4 Reset Time: 50 Milliseconds
- 1.5 Recycle Time: 100 Milliseconds Maximum

2. Input

- 2.1 Operating Voltage: 19 to 264 VAC or VDC in Two Ranges
- 2.2 Frequency: 50 - 60 Hertz

3. Output

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

4. Protection

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

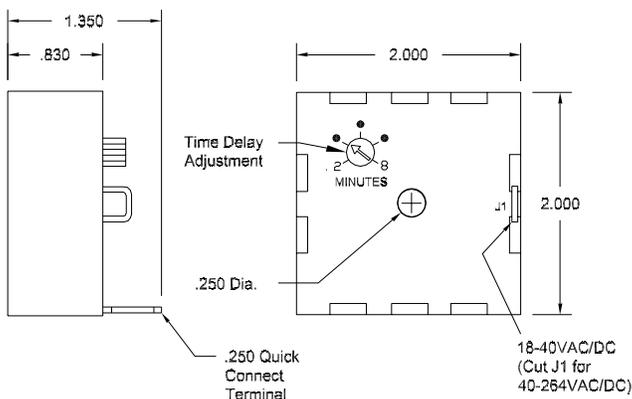
5. Mechanical

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

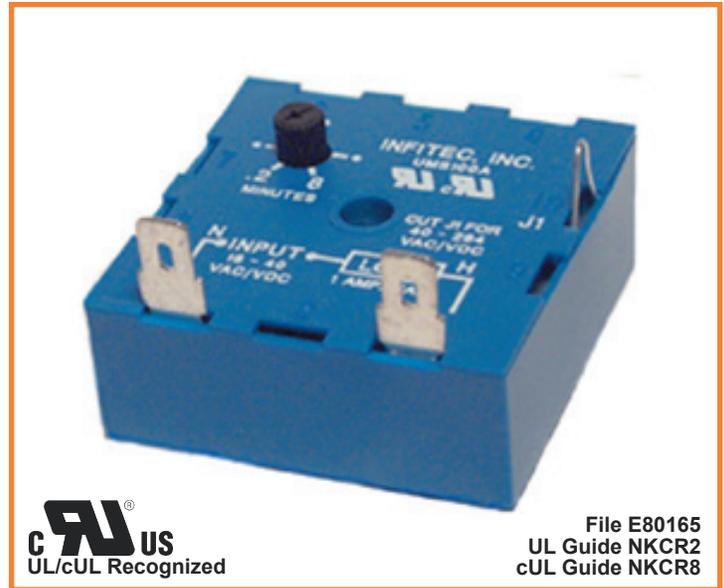
6. Environmental

- 6.1 Operating Temperature: -20°C to $+80^{\circ}\text{C}$
- 6.2 Storage Temperature: -30°C to $+85^{\circ}\text{C}$
- 6.3 Humidity: 95% Relative, Non-Condensing

DIMENSIONS



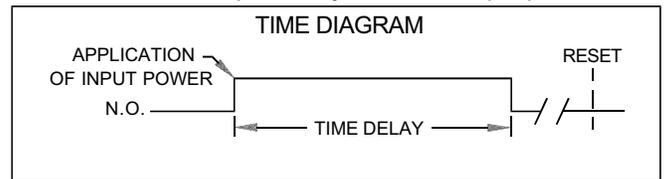
UIS100A / UMS100A / UMS200 ENCAPSULATED, UNIVERSAL DIGITAL TIMING CONTROL



MODE OF OPERATION INTERVAL

SERIES UIS100A

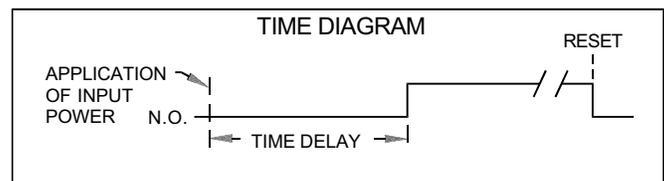
Upon application of power to the input terminals, the output contact immediately transfers and the time delay begins. At the completion of the pre-selected time delay, the output contact reverts to its original position. Reset is accomplished by removal of input power.



DELAY ON MAKE

UMS100A, UMS200

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.



CONNECTION DIAGRAMS & ORDERING INFORMATION

