

## VTMR1 Series, On-Delay Timing Module, With Internal Potentiometer, Relay Output



**Timing Specifications**  
**Timing Mode** — On-Delay  
**Timing Ranges** — 15 to 300 sec.  
**Timing Adjustment** — Internal potentiometer  
**Accuracy** — Repeat Accuracy — ±5% max. (0.25% typ.)  
 Overall Accuracy — Max. Time: -0%, +10%.  
 Min. Time: -30%, +10%.  
**Reset Time** — 250 ms, max.

**Output Switch Data**  
**Arrangement** — 1 Form C (SPDT)  
**Rating** — 8A, resistive, at nominal operating voltage.  
**Expected Mechanical Life** — 10,000,000 operations  
**Expected Electrical Life** — 100,000 operations  
**Initial Dielectric Strength** — Between Terminals and Mounting — 3,000VAC rms.  
 Between Input and Output — 1,500VAC rms.

**Input Data @ 25°C**  
**Voltage (±10%)** — 120VAC/VDC  
**Power Requirement** — 3.5VA max. during timing; 3W, max. after time out.  
**Transient Protection** — Non-repetitive transients of the following magnitudes will not cause spurious operation of affect function and accuracy.

Operating Voltage	<0.1 ms	<1 ms
120 VAC/VDC	2,580V	2,150V*

\* Min. source impedance of 100 ohms.

**Current Drain** — 30mA, Max.

### Environmental Data

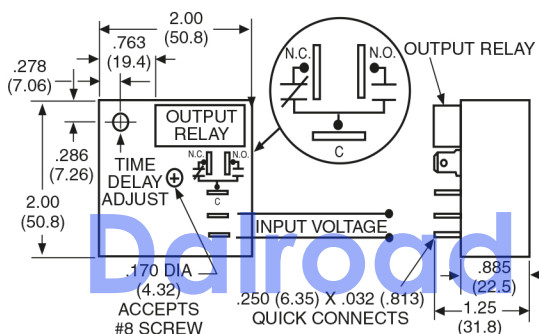
**Temperature Range** — Storage — -40°C to +70°C  
 Operating — -40°C to +70°C

### Mechanical Data

**Mounting** — Panel mount with one #8 screw.  
**Termination** — 0.250 in (6.35) quick connect terminals.  
**Weight** — 4 oz. (112g) approximately

### Product Facts

- On-delay timing mode
- 8A SPDT relay output
- Internal potentiometer for timing adjustment
- Reliable solid state timing circuitry
- Excellent transient protection
- Flame retardant, solvent resistant housing
- File E60363, File LR33434



Outline Dimensions and Wiring Diagram

### Ordering Information

Part Number	Time Range	Input Voltage
VTMR1AEA	15 to 300 sec.	120VAC

Authorized distributors are likely to stock the following:

None at present.

Users should thoroughly review the technical data before selecting a product part number. It is recommended that user also seek out the pertinent approvals files of the agencies/laboratories and review them to ensure the product meets the requirements for a given application.