

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



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



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.

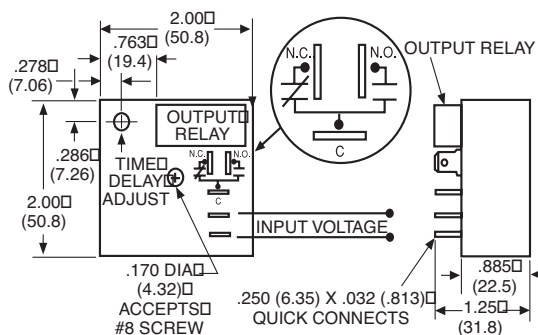
Current Drain — 30mA, Max.

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



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.