

# PROGRAMMABLE MULTI-FUNCTION | MULTI-TIME RANGE | MULTI-VOLTAGE RELAY OUTPUT | THR-3 SERIES

## APPLICATION DATA

### Voltage Tolerance:

AC Operation: +10/-15% of nominal at 50/60 Hz

DC Operation: +10/-15% of nominal

**Load (Burden):** Maximum of 2 VA for all voltages

### Setting Accuracy:

Maximum Setting (Adjustable): +5%, -0%

Minimum Setting (Adjustable): +0%, -50%

### Repeat Accuracy (constant voltage and temperature):

±0.1% or ± 0.04 seconds, whichever is greater

### Reset Time:

Triggered with Input Voltage: 100ms

Triggered with Control Switch: 40ms

### Start-up Time (Time from when power is applied until unit is timing):

0.05 Seconds

### Maintain Function Time (Time unit continues to operate after power is removed):

0.01 Seconds

### Units Triggered by a Control Switch:

Minimum required trigger switch closure time is 50ms.

**Temperature:** Operating: -28° to 65°C (-18° to 149°F)

Storage: -40° to 85°C (-40° to 185°F)

### Output Contacts:

10A @ 240VAC / 7A @ 28VDC SPDT, ¼hp @ 120VAC (N.O.)

### Life:

Mechanical: 10,000,000 operations

Full Load: 100,000 operations

### Compatibility:

Using a solid state switch to initiate the time sequence is acceptable.

### Mounting:

Surface with one #8 or #10 screw and a maximum tightening torque of 15 in-lbs.

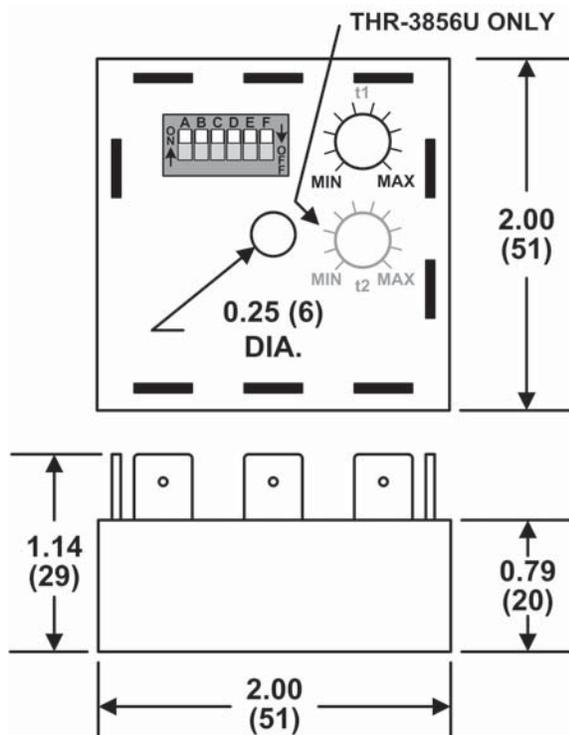
### Termination:

0.25" male quick-connect terminals

### Approvals:



## DIMENSIONS



All Dimensions in Inches (Millimeters)