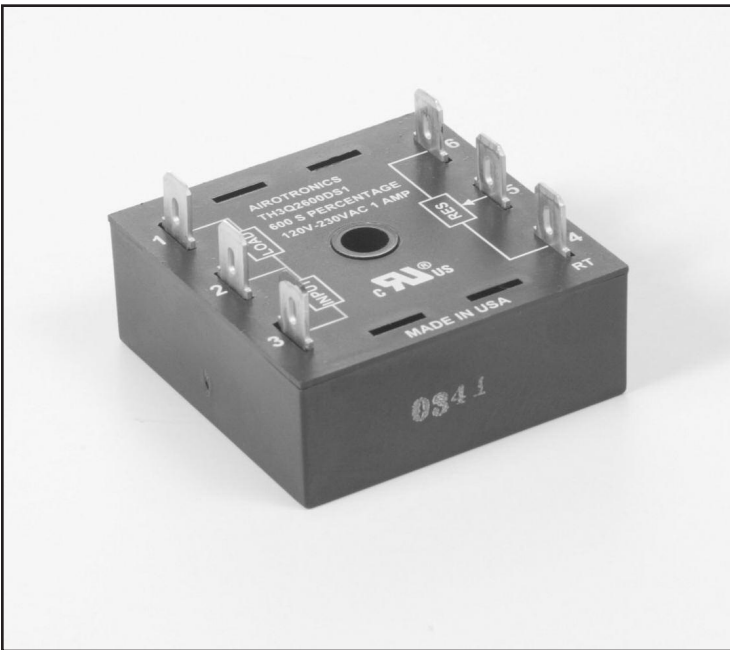


Timing Mode: **REPEAT CYCLE**
Category: **SOLID STATE TIMER**
Series: **TH3Q**

CUBE SOLID STATE, 1 AMP, PERCENTAGE TIMER



TH3Q Timers

The TH3Q is a recycle timer with a selectable cycle length and adjustable “On” time as a percentage of the total cycle from 1% to 99%.

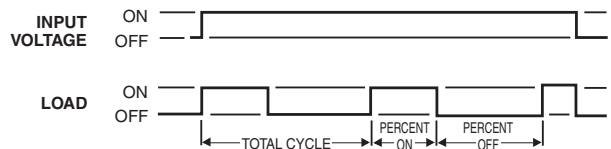
The solid state output insures longevity for loads up to 1 amp such as solenoids, pumps, relays, connectors, etc.

Timing Mode


Application of input voltage to the timer transfers the relay for the duration of the selected “On” time.

Relay then opens for “Off” time.

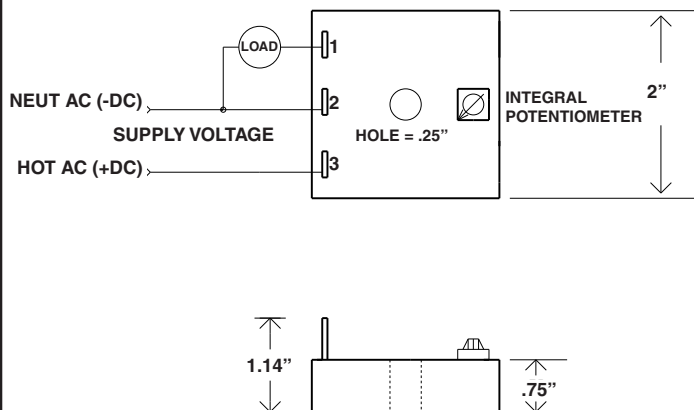
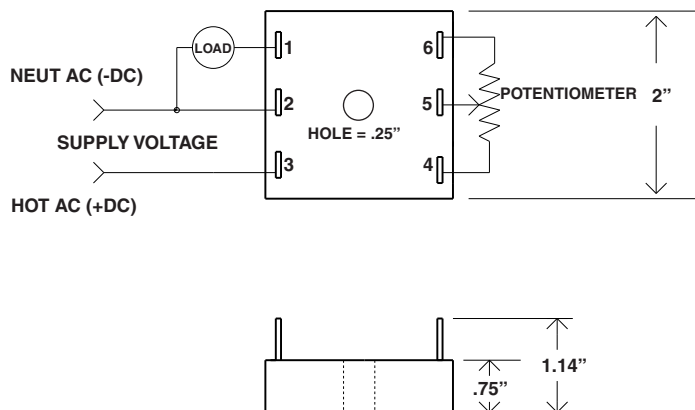
Recycling continues until power is removed.



FEATURES

- Linear adjustability from 1% to 99%
- Total cycle length specified by customer and available up to 24 hours
- No heat sinking required
- Single wide voltage 120/230 VAC in one unit
- ±0.5% Repeat accuracy
- Single #8 screw mounting
- Solid state output
- Encapsulated for protection in harsh and humid environments
- 
- RoHS compliance available

BASIC WIRING AND DIMENSIONS



SPECIFICATIONS

Input Voltage: 24 VAC to 230 VAC

Time Delay:

Timing Mode: Recycle, Percentage Setting

Type: Solid State output

Time Range: Up to 24 hours factory-fixed or adjustable

Repeatability: ±0.5% under fixed conditions

Time Range Tolerance: +15% -10%

Reset/Recycle: 100 milliseconds

Initiate Time: 16 ms or less

Output Form: SPST solid state

Life Expectancy:

No predictable failure if used within specified parameters

Protection: 25 joules varistor

Temperature Ranges:

Storage: -40°C to +85°C

Operating: -25°C to +65°C

Physical Data: Totally encapsulated 0.25" quick connects

OPTIONS SELECTION

Mode of Operation	Series	Input Voltage	Examples of Time Ranges	Time Adjustment Method
Repeat Cycle Percentage On / Off	TH3Q	1 120 VAC	0001 0.5 to 10 sec.	A Variable, integral, knob on timer B Variable, external knob D Fixed, external resistor remote
		2 120/230 VAC	0010 .1 to 10 sec.	
		3 24 VAC	0100 1 to 100 sec.	
		1000 10 to 1000 sec.		
			Any custom range up to 24 hours available.	

Specifications subject to change without notice.