

### ► Model EC113 Timer

This open board timer is specifically designed with an unique motor-driven potentiometer to replicate electromechanical timers.

The EC113 Timer is a cost effective microcontroller based solution designed for the foodservice OEM equipment industry. This unit utilizes an on-board potentiometer.

The compact size of the EC113 allows the timer to be placed virtually anywhere on or in the controlled appliance. Installation is fast, simple and inexpensive. Highly accurate and working with a wide selection of time ranges, the EC113 is the ideal replacement for your existing electromechanical timer or design into new applications. The multiple input voltages and time ranges makes the EC113 Timer your single component replacement for all your existing timers.

The EC113 Timer is a standard design that is highly customizable to meet your specific requirements.



#### LCR Offers:

- Full design, development and manufacturing capabilities
- Compliance to domestic and international agency requirements including EMC
- Through-hole and surface mount designs with 100% testing
- Integrated EMI filtering

#### Typical Applications:

- Ovens
- Fryers
- Holding Cabinets
- Cook and Hold Ovens
- Microwave Ovens

► Model EC113 Timer (continued)

**SPECIFICATIONS**

**Input Voltage:**

24, 120, or 208/240 VAC, 50/60 Hz.

**Power Consumption:**

5 W Max.

**Outputs:**

24-250VAc @ 16A SPST relay, life - 100,000 cycles. Audible Alarm.

**Timer Range:**

1 or 3 hour, selectable. Custom ranges available.

**Timer Accuracy:**

1 min./hr.

**User Interface:**

On-board potentiometer.

**Diagnostics:**

Potentiometer motor failure and power interruption. In the event of a power failure, the timer resets to zero and signals an alarm.

**Operating Conditions:**

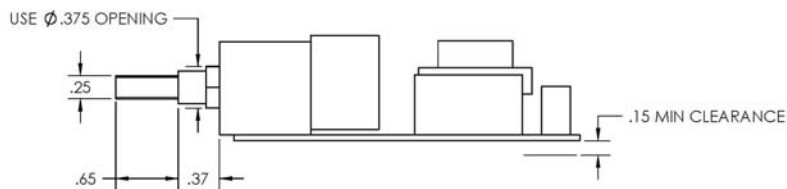
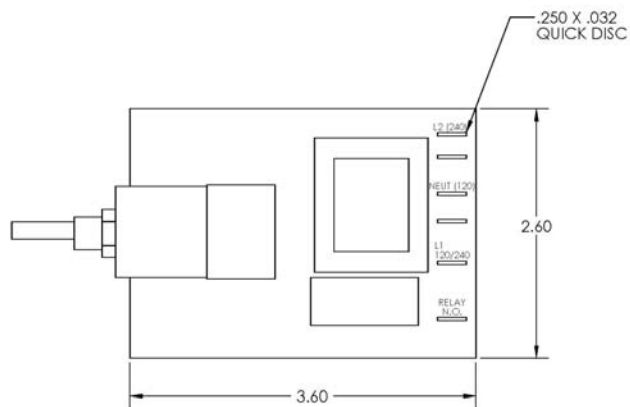
-40°C to 85°C, >95% humidity, non-condensing.

**Shipping Weight:**

Each unit weighs approximately 6 oz. (170.10 g).

**Mounting Options:**

Front panel mount.



**WARRANTY**

LCR provides a limited one-year warranty for its products. A copy of the complete warranty plus other terms and conditions of sale are available upon request.

LCR Electronics designs, develops and manufactures EMI filters, electronic controls, motor controls, backplane & subsystems, and wire harness assemblies. All LCR products are designed and developed at the Norristown, PA facility. Electronic and motor controls are manufactured at either LCRs wholly owned low cost China facility or at the US facility.

Due to a policy of continuous improvement and quality assurance, specifications are subject to change without notice.

RoHS



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