

EC103 – Isolated “Smart” Digital Triac Control



Features

- Input 120/240VAC, 12A maximum load current (upgradeable upon request)
- 2500V isolation between control circuits and power circuits
- Control inputs - potentiometer / tact switch
- Current sensing for control or overload protection
- LED's to indicate power and status
- Operating temperature range 0 - 85°C
- Conformal coating for humid/wet environments
- RoHS compliant.
- EMI compliant option available

Typical Applications

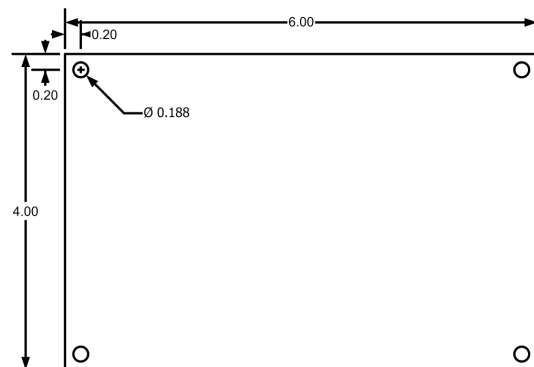
- Isolated control of universal motor
 - Fluid pumps
 - Blenders, mixers, fans
 - Small appliances etc.
- Lamp dimmers
- Ideal for PC-based or PLC control systems

Key Product Highlights

- Low cost
- Precise variable motor speed with feedback for Universal motors
- Digital control performance
- Lamp dimmer with tact switch selectors

Benefits

- Motor soft start to extend life
- Quality, dependable, precise, low cost control
- Quick time to market



This is a standard product designed to work in several different applications. Features of the control can be tailored in order to customize it to your specific requirements.

For samples please call 1-800-527-4362

LCR Electronics designs, develops and manufactures EMI filters, Electronic controls, Motor controls, Backplane & Subsystems and Wire harnesses assemblies. All LCR products are designed and developed at the Norristown, PA facility. Electronic and Motor controls are manufactured at either LCR's wholly owned low cost China facility or at the US facility.