

5 CHANNEL LAMP TEST MODULE

The **ECU®-LT02** can control five lamps in a standard annunciation mode and a lamp test mode. Using the equivalent of 15 diodes it also will detect any of the input signals as a common output for alarm.

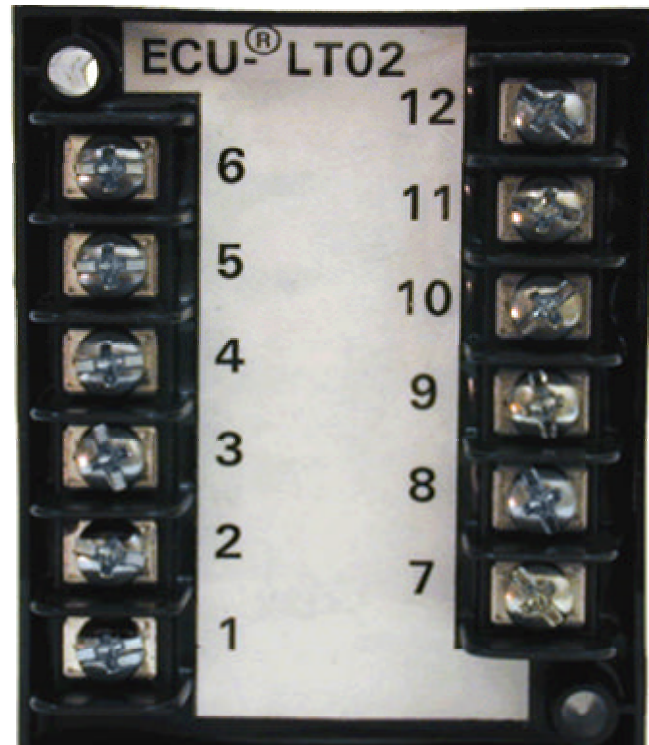
ECU®-LT02

**ONE VERSION FOR
12 AND 24 VDC**

APPLICATIONS: Control Panels, Annunciators, and Pre-Alarm Panels

FEATURES:

- Up to five lamp circuits
- Common Alarm Out for any input
- Lamp test signals are isolated from incoming signals to inhibit backfeed
- May be combined with other LT02 modules for larger lamp counts
- Standard mounting and size
- Molded in tough resilient epoxy
- Low cost and quick installation



ECU®-LT02 A LAMP TEST CONTROL

The LT02 is a dual purpose building block. It's primary use is a lamp test module allowing up to five lamps to be controlled by applying DC signals to it's respective inputs. When a DC signal is applied to the LAMP TEST terminal all lamps connected to the outputs will light. Isolation diodes on the input circuits assure no "backfeed" to the incoming signals.

A control matrix in the LT02 causes a DC voltage to appear on the ALARM output of the LT02

ECU®-LT02 A FAULT DETECTOR

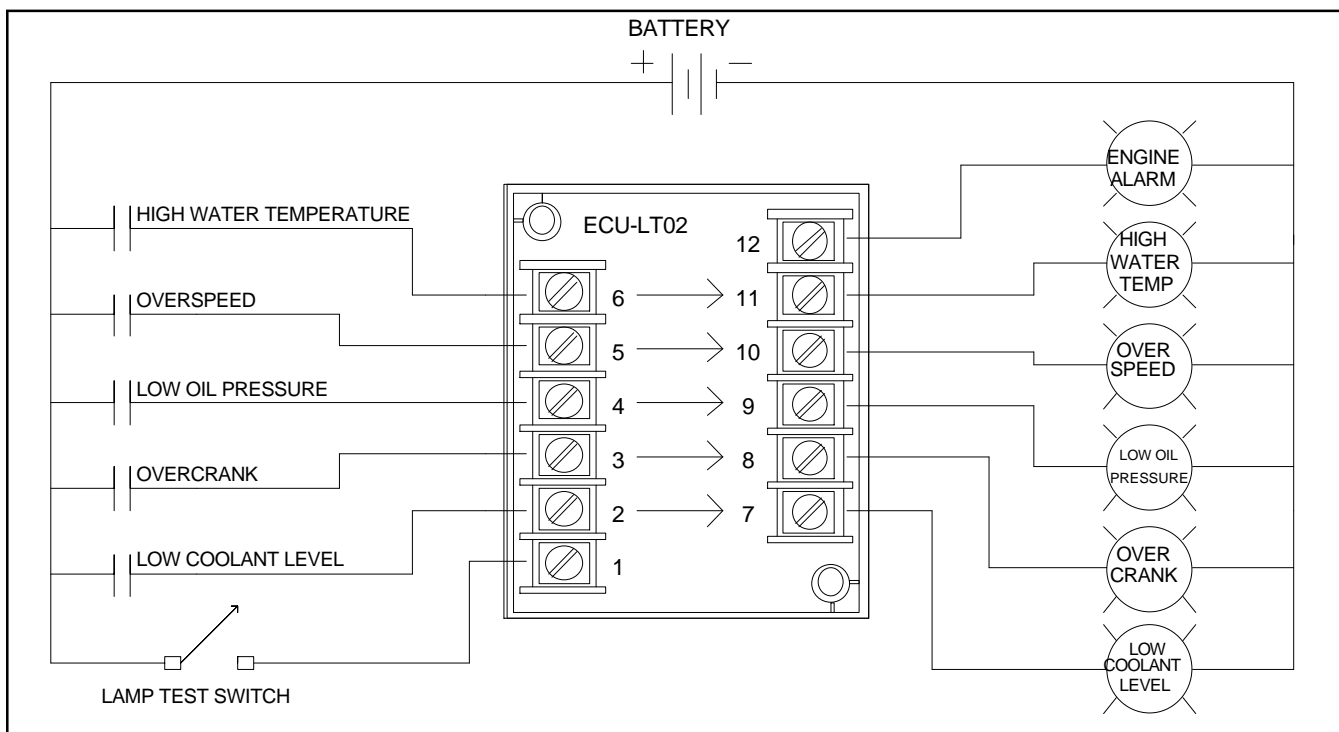
any time a DC voltage is placed on one or more of the inputs. This feature allows a simple common alarm detection scheme for engine systems and annunciators.

**ECU® IS A REGISTERED TRADEMARK OF
ENGINEERING CONCEPTS UNLIMITED, INC.**

P.O. BOX 250 - 8950 TECHNOLOGY DRIVE - FISHERS, IN 46038

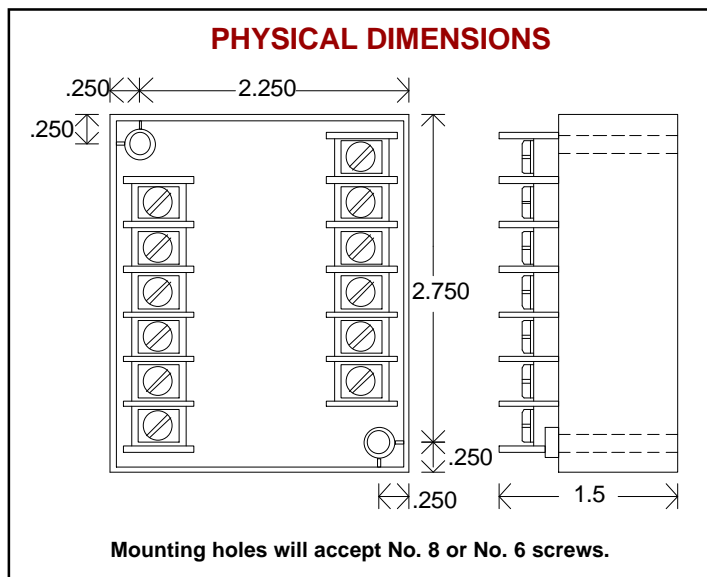
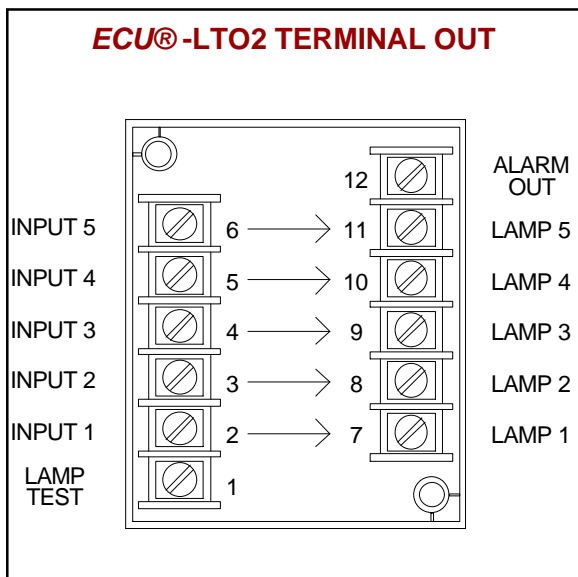
Voice: 317-849-8470 Fax: 317-849-6475 E-Mail: sales@ecu-engine-controls.com

**SAMPLE ECU®-LTO2 APPLICATION:
ENGINE FAULT DETECT WITH LAMP TEST**



The above diagram illustrates the LT02 used as both a lamp test and fault detect circuit element. Notice the inputs are DC inputs via switch closures to battery positive. They may also be DC signals from other systems. The engine fault lamp will light if any of the fault input signals are present. Placing voltage on terminal 1 will light all lamps except the engine alarm thus avoiding false alarms.

SPECIFICATIONS: 1 AMP MAX FOR LAMP LOADS
100 VDC MAX ON INPUTS



ORDERING INFORMATION:
ORDER BY SPECIFYING: ECU®-LTO2

**ECU® IS A REGISTERED TRADEMARK OF
ENGINEERING CONCEPTS UNLIMITED, INC.**