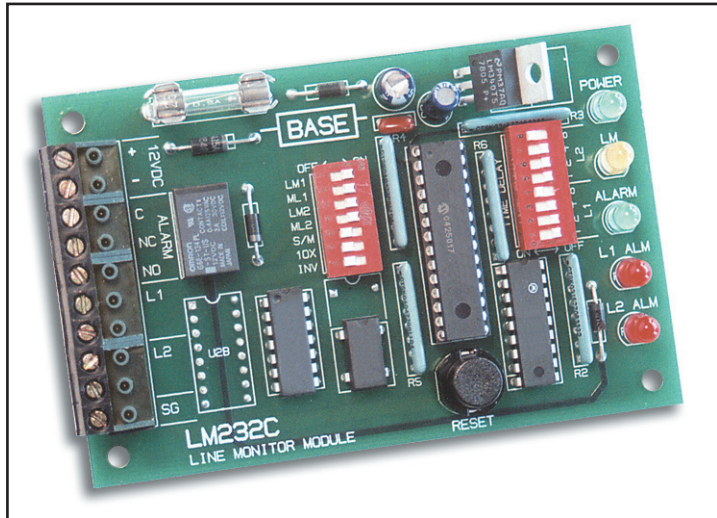


# LM232C

## Line Monitor Module

# BASE

- ▶ *Monitors an RS232C line for Data Failures*
- ▶ *Monitors Transmit and/or Receive Paths with Separate Time Period Settings*
- ▶ *Adjustable Inactivity Timer 1 Second -150 Minutes*
- ▶ *Complete Manual and Wiring Diagram*
- ▶ *2A Alarm Relay Output*
- ▶ *Status LED Indicators*
- ▶ *Small Footprint PCB - 4.25" w x 2.75" h*
- ▶ *Includes Mounting Hardware*



The LM232C Line Monitor Module is a printed circuit board that monitors the transmit and/or receive paths of an RS232C data line. When no line activity is present, a timer will begin timing the data loss period. At the end of the preset time period, an Alarm relay will de-energize and Status LEDs will change state. The alarm condition may be preset as latching or momentary (resets automatically when line activity returns). Independent timers are provided to monitor the transmit and/or receive paths or both. Alarm time delays are easily selected by dip switch settings to a maximum of 2.5 hours. The alarm relay is normally energized also providing an alarm on loss of power. The 12VDC power input is protected for overvoltage, overcurrent, and reverse polarity. The module is 2.75 x 4.25 inches and mounts on standoffs supplied with the unit.

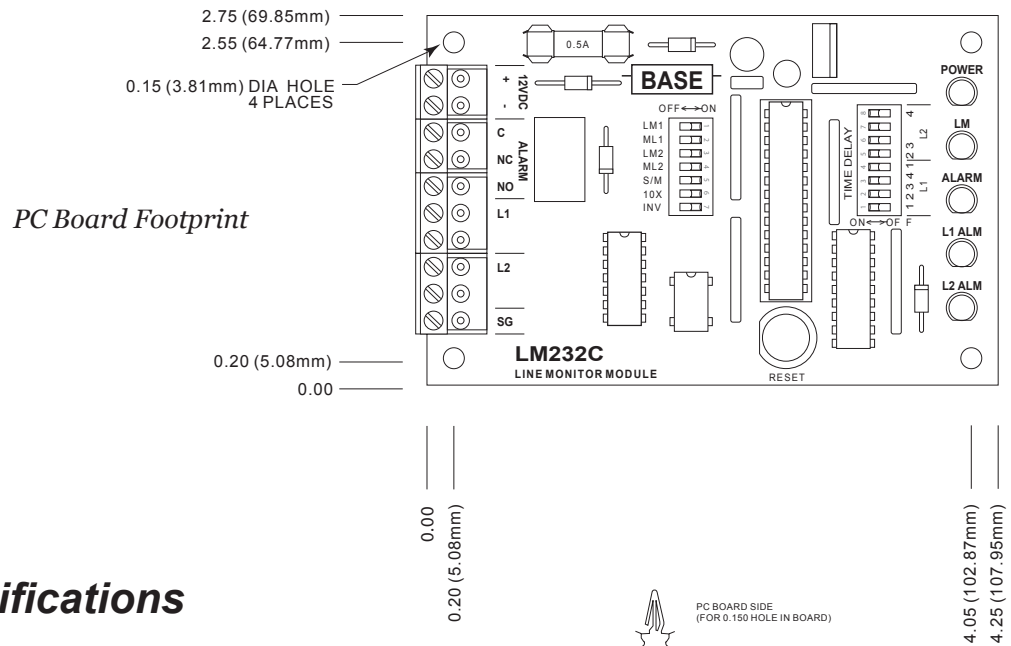
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# LM232C

## Line Monitor Module



### LM232C Specifications

- Indoor Temperature Range: -25° C. to +75° C.
- Electrical
  - Operating Voltage: 12VDC, Fused at 0.5A
  - Operating Current Draw: 150mA (0.150A) Maximum
  - Line Input Type: Standard RS232C
  - Output Relay Contact Rating: 2A Maximum
  - Connections: Depluggable Terminal Strip for 14-24AWG Wire
- Size: 2.75 wide by 4.25 long (inches)
- Mounting: (4) 1/4 inch high nylon standoffs included
- Indicators and Controls
  - 5 LED Status Indicators
    - Green - ON, Yellow - LM, Green - ALARM
    - Red - L1 ALARM, Red - L2 ALARM
  - 7-position Option Select Dipswitch
  - Dual 4-position Time Delay Select Dipswitch
  - RESET Pushbutton
- Time Delay Settings
  - Dip Switch Selectable
  - 1-15 seconds in 1-second increments
  - 10-150 seconds in 10 second increments
  - 1-15 minutes in 1 minute increments
  - 10-150 minutes in 10 minute increments

