

## 9600 EXTERNAL MODEM (98-9011-02)

The Accu-Time (98-9011-02) External Modem is a functional peripheral device that converts data from a host computer to an analog signal which can be sent and received through telecommunication means. The external modem acts as a gateway between the host computer and a single or multi-dropped terminal environment. Among the many features of this communication tool are automated baud rate adaptability (up to 9600 baud) and a Non-volatile (NV) memory. This NV memory contains two (2) stored user-customized profiles and retains data whether or not power is supplied to the modem. Each profile can have different configurations which may be programmed by using the Standard AT command structure.

This fuse protected, external modem also accommodates bi-directional RS232 and RS485 communication protocols to and from the Accu-Time Data Collection Terminals (DCT). The Accu-Time external modem connectivity is as follows:

- ◆ RJ12 Modem interface (6 position) J4
- ◆ RJ45 RS232 Network interface (single DCT environment) J1
- ◆ DB25 RS232 Host interface (for diagnostics or programming) J2
- ◆ Terminal Barrier Strip 2 or 4 wire RS485 Network interface TB1
- ◆ RJ45 2 or 4 wire RS485 Network interface J3
- ◆ Power Input (for standard ATS 12VDC power pack assembly) PJ1

With a sturdy aluminum base, the ATS external modem is easily attachable by way of four mounting holes and a snap-on aluminum cover. A red LED will illuminate to indicate power to the modem.

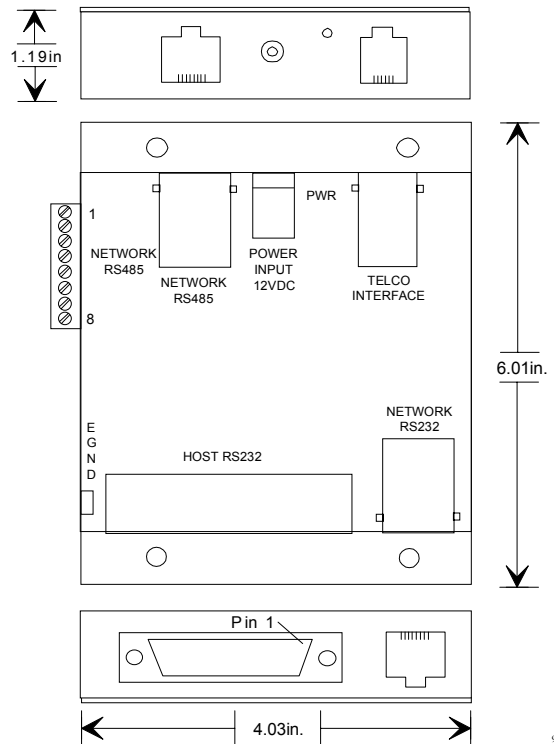
### GENERAL SPECIFICATIONS

**Physical-**  
 Dimensions: 6.01"W x 4.03"H x 1.19"D  
 (15.27cm W x 10.24cm H x 3.02cm D)  
 Weight: 0.85lbs. (0.39kg)

**Environmental-**  
 Operating Temperature: 32° to 110° F (0° to 43° C)

Relative Humidity: 20-90% Non-condensing

**Operating Parameters-**  
 Power: +12VDC @ 190 mA nominal  
 Fuse: ¼ amp fast-blow



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