

FEATURES

- **Extended Temperature Range**
- **Standard DIN Rain Mounting**
- **9V-36V Operation**
- **Single Telephone Input**
 - **Adjustable Sensitivity**
 - **Differential Input Connection**
- **2 Relay Outputs**
 - **Form C Contacts**
 - **Off Hook Relay**
 - **Fault Relay**
- **User Interface**
 - **Off Hook LED**
 - **Fault LED With Latched Fault Indication**
 - **Latched Fault Reset Button**
 - **Polarity LED**
- **RS232 Serial Interface**



OVERVIEW

The SiPLM Trilogy telephone line monitor monitors a standard POTS phone line for the following conditions:

- Off-hook
- Phone disconnected
- Line polarity

Relay contacts are provided to enunciate fault and off-hook conditions. Indicator LEDs on the front of the unit also display status to the user. The fault indication is latched on the unit so that faults that occurred in the past but have cleared can still be seen.

An RS232 diagnostic port is provided for firmware updates and/or operating parameter changes.

ELECTRICAL SPECIFICATIONS

Input Voltage_____ 9-36V_{DC}
 Maximum Input Current_____ 0.1A
 Min Operating Temperature_____ -30 °C
 Max Operating Temperature_____ +70 °C
 Relay Output Isolation_____ 3000V_{RMS}
 Relay Contact DC Current Rating_____ 2A_{DC}
 Relay Contact DC Voltage Rating_____ 30V_{DC}
 Relay Contact AC Current Rating_____ 0.5A_{AC}
 Relay Contact AC Voltage Rating_____ 125V_{AC}

MECHANICAL SPECIFICATIONS

Height_____ 5.25in
 Width_____ 19in
 Depth_____ 3in
 Max Connector Wire Gauge_____ #16 AWG

SIPLM-DIN-SC

Single Channel Telephone Line Monitor

