

Single Channel Telephone Line Monitor

FEATURES

- Extended Temperature Range
- Standard DIN Rain Mounting
- 9V-36V Operation
- Single Telephone Input
 - Adjustable Sensitivity
 - o Differential Input Connection
- 2 Relay Outputs
 - o 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

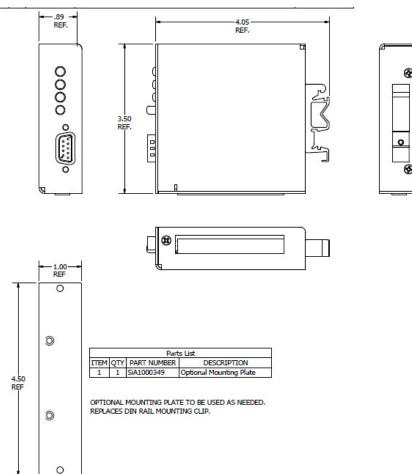
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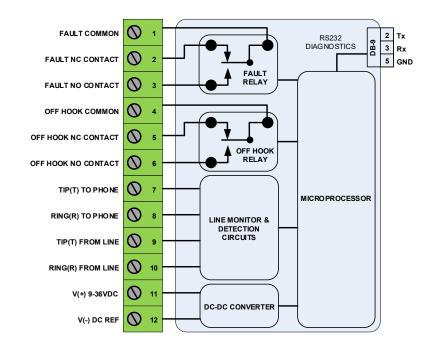
Revision 1.1



SIPLM-DIN-SC

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