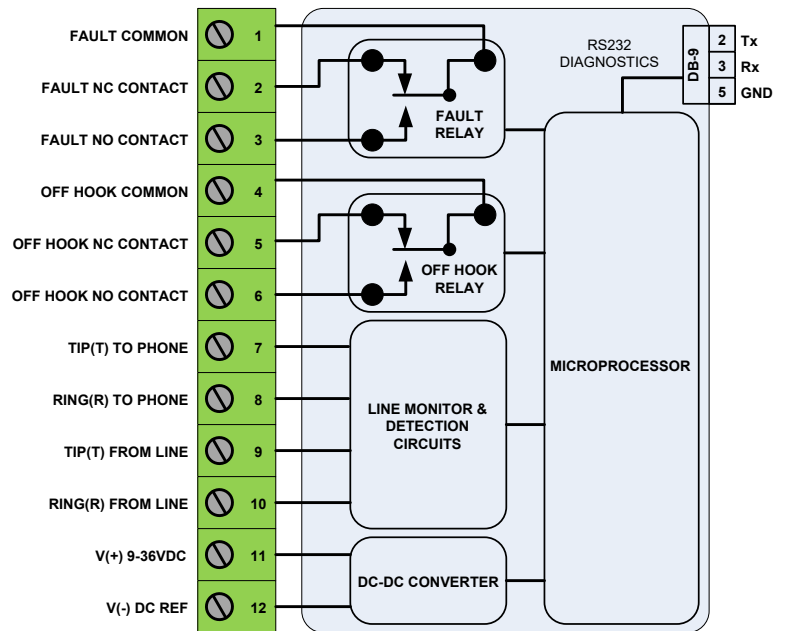


FEATURES

- **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
- **Computer Interface**
 - RS232 Serial Interface
 - Open Protocol



DESCRIPTION

The SiPLM Trilogy telephone line monitor is specially designed to detect activity on telephone lines. The telephone line monitor senses “off hook” conditions as well as fault and polarity reversal conditions. Two Form “C” relay contacts are provided to maximize the use of the information detected by the telephone line monitor. LEDs are installed on the front panel to provide a user interface for polarity reversals, “off hook” conditions, and telephone faults. Faults are latched to provide a visible indication until a reset is performed. The SiPLM Trilogy telephone line monitor contains a serial port that interfaces to computers with the RS232 standard. This port can be used to upgrade the firmware in the telephone line monitor as well as change user configuration parameters.

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

