

Signal Line Monitor Module - SLM2

Application

The SLM2 is a Signal Line Monitoring Relay designed to identify the location of a tripped device on a two wire signal line. This Unit is capable by ANALOGUE techniques of identifying up to Forty Five trip locations.

The SLM2 is designed to operate with the Bramco SLC2 two wire signal line control relay utilising the same two cores for each.

The SLM2 may be utilised as a stand alone monitor.

SLM2 has an RS485 communication port for transmission of relay and signal line status plus trip location.

Features

- Monitoring of pullkey stop location on conveyor systems.
- Simple installation and operation.
- LED indication of Power On, Relay Healthy, Relay trip and comms port. Rx and Tx transmit and secure.
- Test Switch checking the LED indication and SLM2 unit operation.
- Identification and location of each fault in sequence.
- Plug in Remote Display Module option.
- Two character LED trip location.
- RS485 communications port.
- Separate mA output for fault location.

Specifications

Power Input

- 24vDC 3.5VA

Display Fault Location

- 1 - 50

Display Refresh

- 2 - 5 seconds

Capture Delay

- 8 second typical

Fault Location Output

- 1mA per pullkey

Fault Flag

- N/O contact closes on fault

Fault Count

- N/O contact pulses closed per fault number ie 16 pulses = Pullkey 16

Fault Flag and Count Contacts

- 1A 24vDC

Remote Display

- 16 Way ribbon cable

Operating Temperature

- 0 - 60°C
- -30 to +60°C available

Serial RS-485: 6 Registers accessible via MODBUS ASCII
9600Baud
7 Data Bits
Even Parity
1 Stop Bit

Available Registers:

- LED Status
- Signal Line Voltage
- Last Address Detected
- Module Status (Tripped or Healthy)
- Trip since last read

Enclosure - A00720

- Dimensions 55W x 75H x 110D
- High impact resistant polycarbonate construction material
- DinRail and Screw mounting
- Cage Screw Terminals
- Weight 250g

Ordering Information

SLM2 Module	A00720
Remote Display	A00724
SLM2 Bug	A00729



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