



## 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.
- Seperate 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

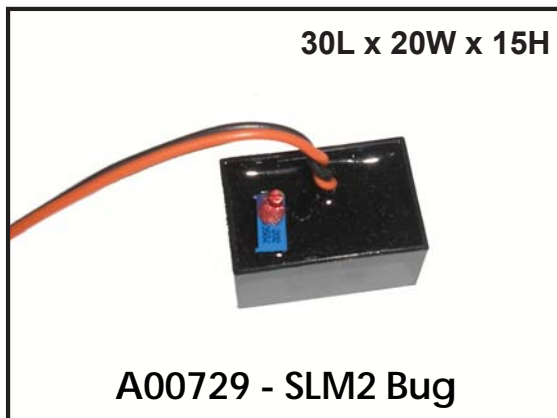


### Enclosure - A00720

- 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



### Bramco Contacts

#### Head Office

Bramco Electronics  
ABN 49 327 604 798

Unit 2&3/2 Callistemon Close  
Warabrook NSW 2304  
PO Box 241 Hunter Region MC  
NSW 2310 AUSTRALIA

Telephone +61 2 4014 4444  
Facsimile +61 2 4967 4100  
Email sales@bramco.com.au  
www.bramco.com.au

#### Distribution Locations Australia:

- Newcastle NSW
- Cairns QLD
- Perth WA
- Cumberland Park, SA
- Wollongong NSW
- Brisbane QLD
- Emerald QLD

#### South Africa:

- Heidelberg - Emis Sales
- Delmas - Bramco South Africa

#### USA:

- Bland VA

#### Brazil:

- Belo Horizonte - Genesis