



# Signal Line Monitor - SLM3

## Application

The SLM3 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 of DIGITALLY identifying up to 256 unique trip locations.

SLM3 is designed to operate with the Bramco SLC2 two wire signal line control relay utilising the same two cores for each.

The SLM3 may be utilised as a stand alone monitor.

The SLM3 has an RS485 communications port for transmission of relay signal line status plus trip location.

## Features

- 256 unique trip locations.
- Capable of accurate performance over a distance of 25Km.
- Simple installation and operation.
- LED indication of power on, relay healthy, trip location, Comms port, Rx and Tx transmit and receive.
- Two character LED trip address.
- Test switch to check LED indication and SLM3 unit operation.
- Identification and location of each fault in sequence.
- Plug in remote display.
- RS485 communication port.

## Specifications

<b>Input Power:</b>	24VDC $\pm$ 10%
<b>Display Fault Location:</b>	00 to FF (256)
<b>Display Refresh:</b>	2-5 seconds
<b>Capture Delay:</b>	8 seconds
<b>Operating Temp:</b>	0 - 60°C -30 to +60° (Available)
<b>Dimensions:</b>	DIN rail or screw mounted High Impact resistant polycarbonate 55W x 75H x 110D (mm)
<b>Weight:</b>	250 grms
<b>Fault Relays:</b>	Two off at 5A 240VAC Rated.
<b>Serial RS-485:</b>	6 Registers accessible via MODBUS ASCII 9600Baud 7 Data Bits Even Parity 1 Stop Bit
<b>Available Registers:</b>	<ul style="list-style-type: none"><li>■ LED Status</li><li>■ Signal Line Voltage</li><li>■ Last Address Detected</li><li>■ Module Status (Tripped or Healthy)</li><li>■ Trip since last read</li></ul>
<b>Signal Line Resistance:</b>	Over 1KOhms
<b>Bug Detection:</b>	2.5 seconds



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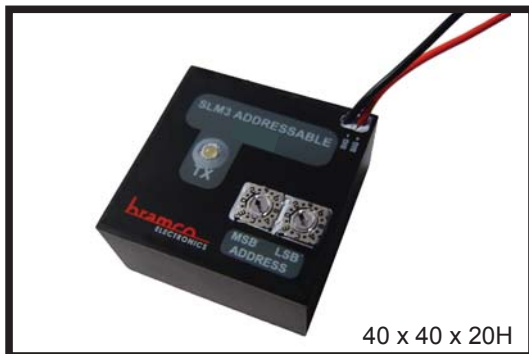
### Ordering Information

A00920	SLM3 Module
A00921	SLM3 Addressable Bug
A00718B	SLC2 Module
A00721B	SLC2 EOL Bug
A00725B	Side Sequence Bug
A00724	SLM2 Remote Screen

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*SLM3 Addressable Bug*

