



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

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



Signal Line Monitor SLM3

Ordering Information

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

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



SLM3 Addressable Node

BRAMCO ELECTRONICS Product Sheet

BRAMCO
ELECTRONICS

ABN 49 327 604 798
PO Box 241
Hunter Region MC
www.bramco.com.au

© Copyright Bramco Electronics
Specifications subject to change without notice October 2011