



Signal Line Control Module SLC2

Application

The SLC2 is a Signal Line Control relay designed to provide reliable effective conveyor control via a two wire signal line of stop switches and other tripping devices installed to stop the conveyor.

The signal line is to be terminated using a Bramco End of Line SLC2 terminator.

The SLC2 is suitable for operation in noisy environments and high impedance installations.

A sequence command may be transmitted along the signal line by the SLC2 to the End of Line and any side sequence nodes fitted for sequence starting of associated equipment.

The SLC2 has an RS485 communications port for transmission of relay and signal line status.

N.B. A third core may be necessary to supply power to the sequence units.

Features

- Two wire system
- Simple installation
- Fail-safe operate
- LED Indication of:
 - Power On
 - End of Line Present
 - Open
 - Short
 - Signal Line Health
 - Relay On
 - Sequence Signal On
- RS485 Communication Port
- Sequencing of associate equipment
- Long Line capability of 25Km
- External 24VDC power required.
- Two N/O relay contacts available to indicate line fault.

Specifications

Power Input	24vDC 3.5VA
Signal Line Resistance	Up to 500 Ohms
Trip Delay	1.0 Second typical
Relay Contacts	2 x N/O 5A - 240vAC 100VA

Serial RS-485

MODBUS ASCII support allows remote monitoring of device status.

Available Registers:

- LED states
- Device Voltage
- Signal Line Voltage
- Signal Line Loading
- EOL Tone Quality

MODBUS ASCII

9600 Baud
7 Data Bits
Even Parity
1 Stop Bit

Operating temperature	0 - 60°C (-30° to +60°C Available)
------------------------------	---------------------------------------

Enclosure:	55W x 75H x 110D
High Impact Polycarbonate	
DinRail or Screw Mounting	
Cage Screw Terminals	
Weighs 250g	

Ordering Information

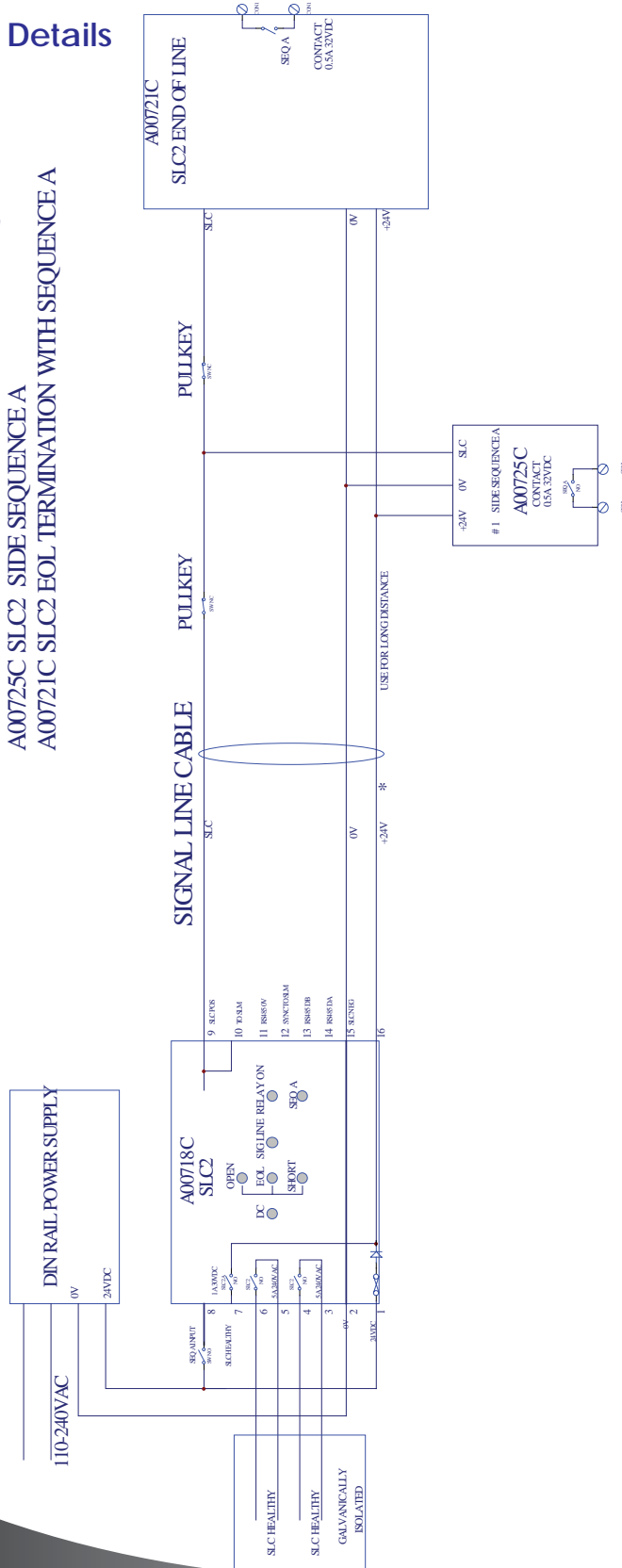
A00718C	SLC2 Module
A00721C	EOL Terminator with Seq
A00725C	Side Sequence Module
A00720	SLM2 Module Standard
A00724	SLM2 Remote Screen
A00265	SLM2 Bug Standard
A00920	SLM3 Module
A00921	SLM3 Addressable Node

BRAMCO ELECTRONICS Product Sheet



Connection Details

- NON I.S. SYSTEM
- A00718C SLC2 SIGNAL LINE CONTROL WITH SEQUENCE A
- A00725C SLC2 SIDE SEQUENCE A
- A00721C SLC2 EOL TERMINATION WITH SEQUENCE A



* Third wire required if EOL and Side Sequence power is to be supplied from the SLC power supply.

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
- Wollongong NSW
- Cairns QLD
- Brisbane QLD
- Perth WA
- Emerald QLD

South Africa:

- Heidelberg - Emis Sales
- Delmas - Bramco South Africa

USA:

- Bland VA

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 August 2011