



## Neutral Link Monitor - NLM

### Application

The Bramco Neutral Link Monitor relay is designed to continuously monitor on a supply transformer, the connection to earth of the transformer secondary star point or neutral, either directly or through a current limiting resistor.

### Features

- NLM Module interfaces to the current limiting resistor with a special NLM Coupling transformer.
- LED indication of Power On, Resistance, OK or High and Fault status.
- Test Push Button.
- Protection if coupling transformer is disconnected.
- Monitor Module and Special coupling transformer factory matched for the specified current limiting resistor value and system voltage.
- Where a latching relay is required the NLM may be used in conjunction with a Bramco Flag relay.
- High impact PVC housing.
- Convenient Din Rail Mounting.

### Specifications

#### NLM Monitor Supply

- 110VAC or Optional 240VAC
- 24-48VAC

#### Fault Limit Resistor

- 48 to 650ohms depending on system voltage and limiting current required. Consult the factory for your system needs.

**NOTE:** for resistance values less than 48 ohms the unit will sense circuit/open circuit only.

#### System Voltages

- Up to 1100V

#### Trip Tolerance

- -50/+150%

#### Relay Contacts

- 2 pole changeover 5A 240VAC
- Non-Failsafe - Relay contacts close on detection of fault.

#### NLM Coupling Transformer

- System phase voltage rated

### Ordering Information

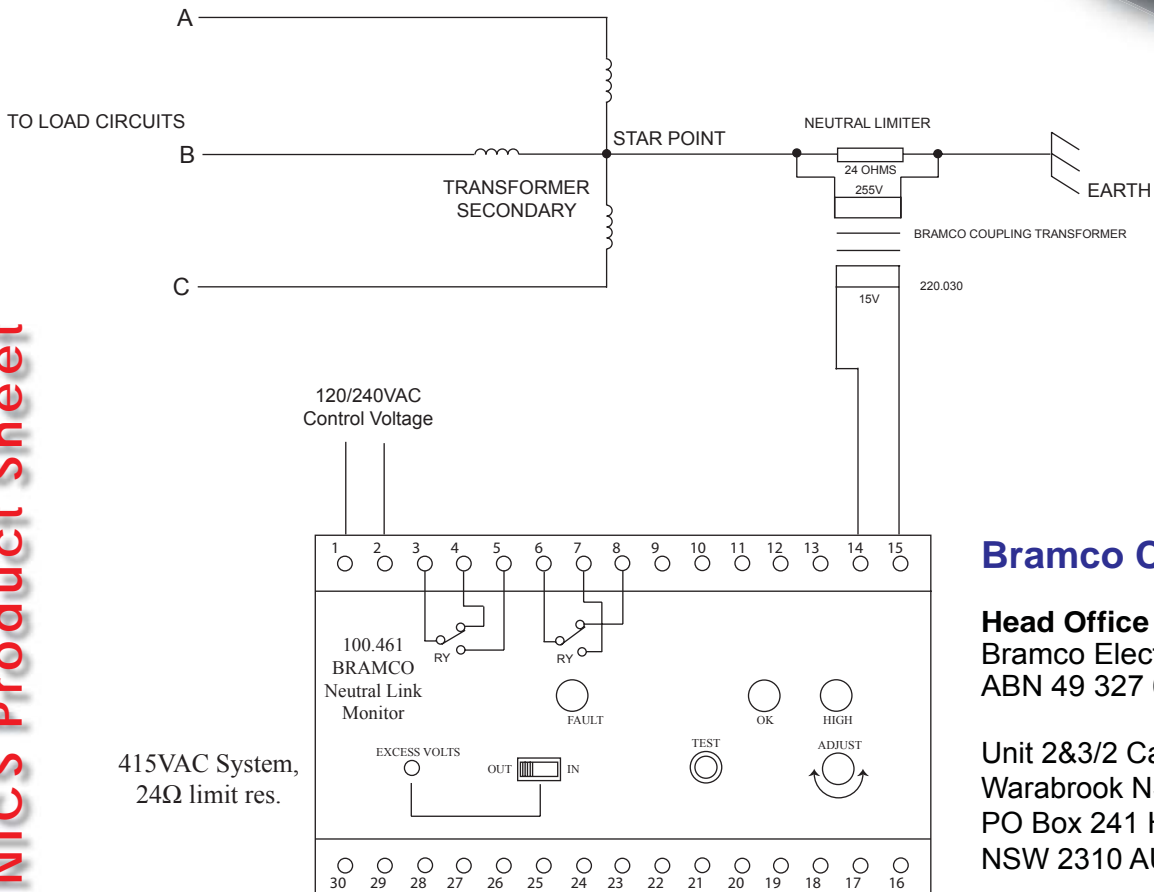
Part Number	NLM Control Voltage
A00031	110VAC
A00032	24-48VDC

# bramco ELECTRONICS



## Connection Diagram

NLM Type 1 Connection Diagram



## Bramco Contacts

### Head Office

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### Distributor Locations Australia:

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

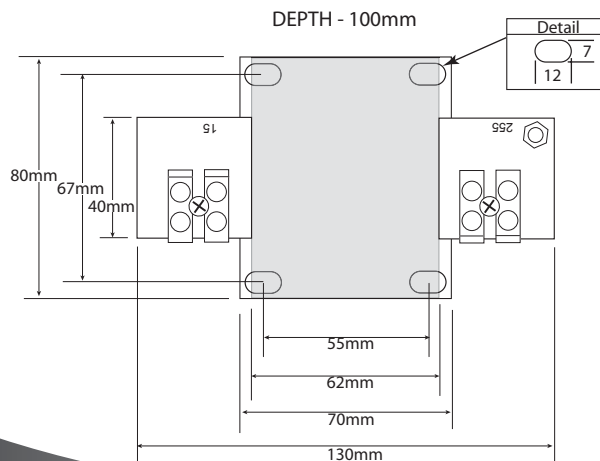
### South Africa:

- Heidelberg
- Delmas

### USA:

- Bland, VA

## Coupling Transformer Mounting Dimensions



BRAMCO ELECTRONICS Product Sheet

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