



## Earth Leakage Relay BEL-2B

### Application

The Bramco BEL-2B has been designed to monitor DC Earth Leakage which may develop on DC powered equipment. Suitable for all battery powered equipment and also rectifier powered tramp electro-magnetics. The DC circuits must be arranged to operate with both DC feeds floating above earth as defined in AS2595.1

### The BEL 2B offers:

- DC Battery or magnet voltage operated
- Wide voltage range without adjustment
- Low 50mA quiescent current draw
- Reverse polarity protected
- Failsafe operation for Trip function
- Uniform sensitivity
- Local LED indication of DC ON
- Local HEALTHY LED turns off and Trip Relay opens when excess leakage is detected
- 5 seconds delay before Trip shutdown with FAULT LED
- Local ALARM LED and Alarm Relay closes when the resistance from ground falls below the alarm trip point
- 30 minutes Delay before Trip shutdown after an Alarm Warning
- Both test resistors built in
- Simple plug in connectors

### Specifications

DC Voltage -	72V - 250V
Voltage Tolerances -	60 - 275V
Trip Sensitivity -	500R
Trip Delay -	Max 5 Seconds
Alarm Sensitivity -	1000R
Alarm Time Delay before Trip -	Nominal 30 Minutes
Relay Contacts -	Alarm and Trip each 1 pole Changeover 1A - 120V DC 30W

Base Mounting -	Screw down mounting 27mm pitch centres
Material/Housing -	Alloy and Poly potted assembly
Dimensions -	150mm x 70mm x 60mm

### Ordering Information

A00436 (Specify Nominal Voltage)

### Bramco Contacts

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#### Distributor Locations

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- Newcastle NSW
- Cairns QLD
- Emerald QLD
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- Perth WA

##### South Africa:

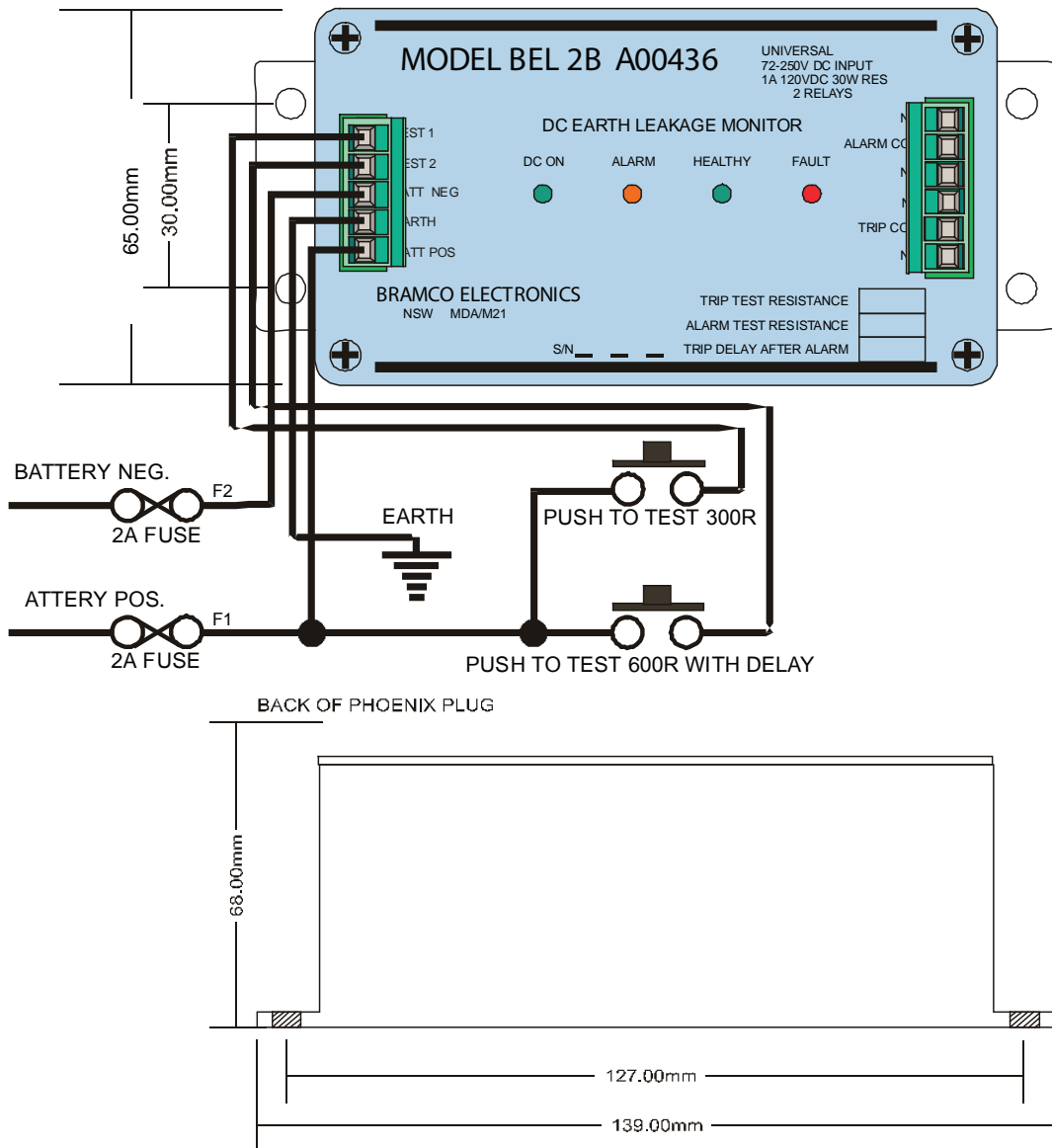
- Heidelberg - Emis Sales
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##### USA:

- Bland, VA



### Connection Details



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