

## Earth Leakage Relay Model i-AB with Extra Filter

### Application

The Bramco Earth Leakage Relay i-AB, has been designed to detect Earth Fault Currents flowing in a power system.

#### The i-AB Offers:

- Extra filter with VVVF Drives
- Machine or power operated
- Latching/non-latching mode switch
- Fail safe or non-fail safe operation
- Adjustable time discrimination
- Adjustable trip current point
- LED indication of power on
- LED warning when the leakage current rises above the trip current set point
- Usage in conjunction with a precision toroidal current transformer
- Optional current loop available (4-20mA)
- LED indication when latched
- Optional voltage output (0-10v) on current loop model

### Specifications

- Supply** - 110vAC 50/60Hz standard  
- 240vAC 50/60Hz optional  
- 24-48v AC/DC Optional
- Housing** - High Impact Poly Carbonate
- Voltage Tolerances**  
- 30% to +20%
- Trip Current** - Adjustable from 30 to 500mA  
- Optional 1A, 2A and 5Amp
- Trip Delay** - Adjustable from 30 to 500mSecs  
- Optional 1secs, 2secs and 5secs
- Relay Contacts**  
- 2 pole changeover 5A-240vAC  
- Intrinsic safety rating 1A-440vAC
- Base Mounting**  
- DIN rail or screw down

### Bramco Contacts

19 Aruma Place  
Cardiff, NSW 2285  
AUSTRALIA

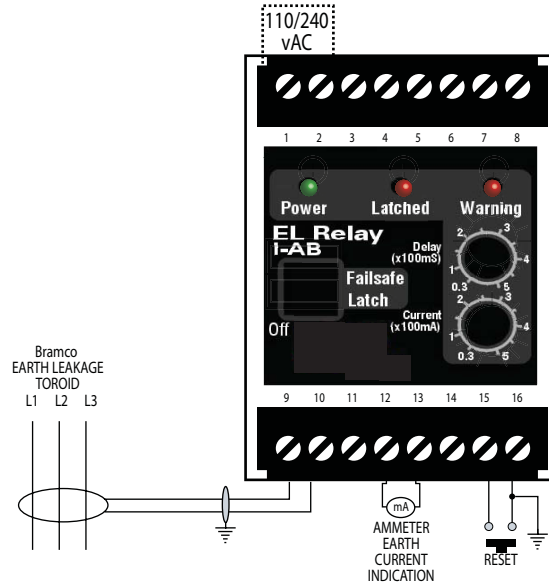
Telephone +61 2 4954 4721  
Email sales@bramco.com.au  
www.bramco.com.au

### Ordering Information

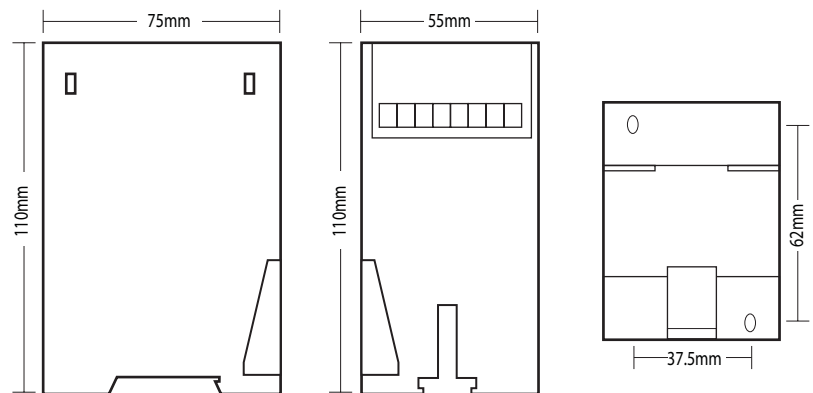
A01044B - I-AB 500mA-500mS 110V AC  
A01045B - I-AB 500mA-500mS 24-48V AC/DC  
A01171 - I-AB 500mA 500mS 240VAC



## Typical Installation



## Outline and Mounting Hole Dimensions



## Connection Details

