

Earth Leakage Relay

Leaders in Innovative Protection Systems, Bramco's el3 is **compliant** to the latest Australian standards. Utilising microprocessor technology el3 provides next generation EL protection to VVVF drives.

Earth Leakage Features:

- 16 bit microprocessor core
- 50-60Hz. (VSD Mode off)
- 5-100Hz. (VSD Mode on)
- Failsafe/Non-Failsafe operation
- Latch/No Latch operation
- EL Toroid open monitoring
- Adjustable Trip Current
- Adjustable Trip Delay Time
- Status Leds for -
 - Trip, Warning, Frequency
 - Power/Open circuit toroid
- Local/External EL latch reset
- May be used on limited/unlimited neutral systems with matching Bramco ELT3 (1000T)
- Separate control contacts are provided
- Analog Output: 4-20mA, 2-10V

Specifications:

Power Supply:

24-48V AC(50-60Hz)/DC 2VA
 110-240V AC(50-60Hz) 2VA
 Voltage Tolerance: -25% to +20%

Earth Leakage

Current: 30mA - 20A
Trip Delay Time: 50ms - 20s

Various Current and Time ranges available:
 See ordering options below.

Relay Contacts: 5A 250VAC (General)
 5A 30VDC (Resistive)
 (100VA Max)

Specifications cont.:

Operating Temp: 0 - 60°C
Enclosure
Dimensions: 55W x 75H x 110D.
Material: High impact resistant polycarbonate construction. IP 20 Rated
Mounting: Din Rail and 2 screw mounting.
Terminals: Cage screw terminals.
Weight: 150g.

Ordering Options:

A01312	110-240VAC	30-500mA	50-500mS
A01313	24-48VAC/DC	30-500mA	50-500mS
A01314	110-240VAC	30mA-2A	50-20S
A01315	24-48VAC/DC	30mA-2A	50-20S
A01316	110-240VAC	0.3A-20A	50-20S
A01317	24-48VAC/DC	0.3A-20A	50-20S

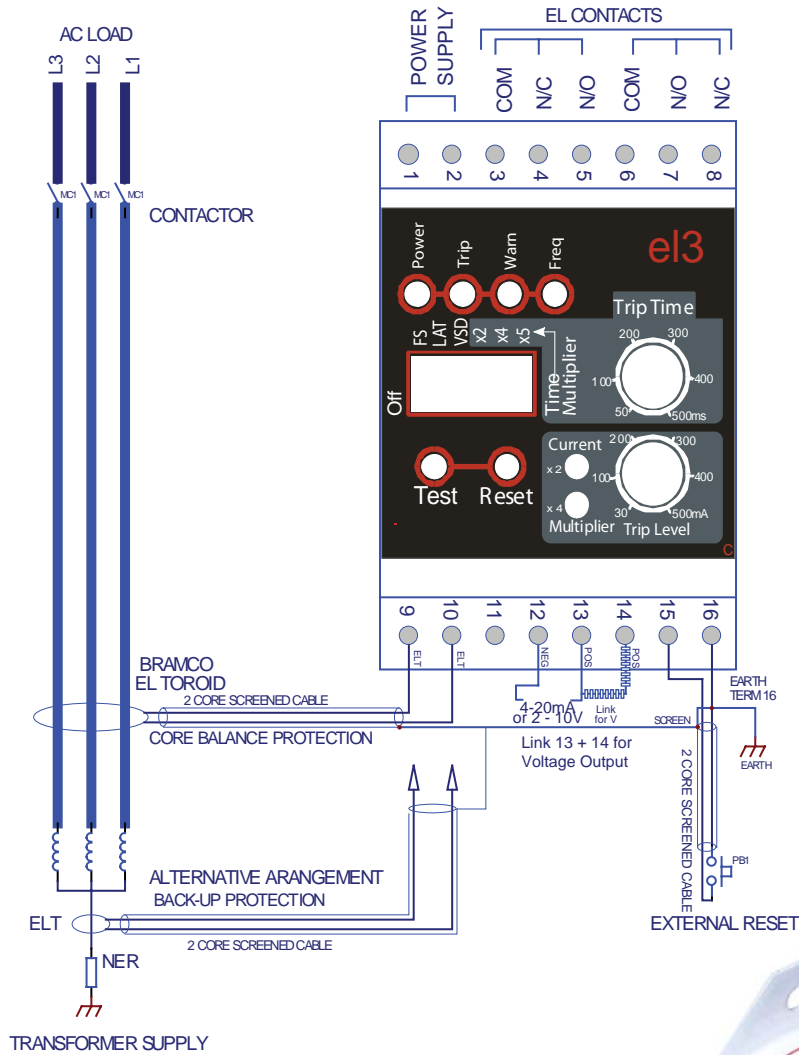


C = Complies to latest Standards



Earth Leakage Relay

Connection Diagram:



Bramco Contacts:

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Cardiff, NSW 2285
AUSTRALIA

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

Ordering Options Toroids:

A01334	Toroid (1000T) 40mm
A01335	Toroid (1000T) 72mm
A01336	Toroid (1000T) 130mm
A01337	Toroid (1000T) 200mm
A01338	Toroid (1000T) 300mm

Compliance:

AS/NZS2081 - 2011

- Electrical Equipment for Coal and Shale Mines
- Electrical Protection Devices

