

Fascia Earth Leakage Relay

Leaders in Innovative Protection Systems, Bramco's fel3 is **compliant** to latest Australian standards. Utilising microprocessor technology fel3 provides next generation EL protection to latest 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 ELT (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: 75W x 75H x 110D
Panel Opening: 68mm x 68mm
Material: High impact resistant polycarbonate construction
 IP 66 Rated
Mounting: Fascia
Terminals: Phoenix plugs provided
Weight: 150g

Ordering Options:

A01320	fel3	110-240VAC	30-500mA	50-500mS
A01321	fel3	24-48VAC/DC	30-500mA	50-500mS
A01322	fel3	110-240VAC	30mA-2A	50mS-20S
A01323	fel3	24-48VAC/DC	30mA-2A	50mS-20S

Ordering Options Toroids:

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



C = Complies to latest Standards

Fascia Earth Leakage Relay

Compliance:

AS/NZS 2081 - 2011

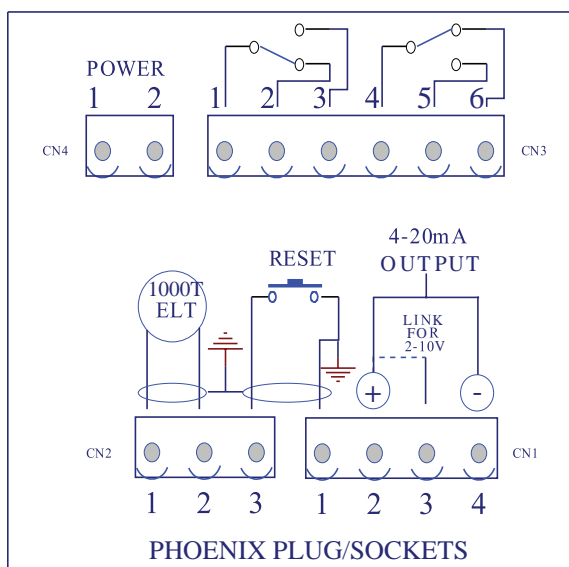
- Electrical Equipment for Coal and Shale Mines.
- Electrical Protection Devices.

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Connection Diagram:



fel3 REAR VIEW

