



EARTH LEAKAGE RELAY

Overview:

M-Tronix is your source for highly innovative electronic control, protection, and monitoring systems for mining and general industry. M-Tronix is your exclusive distributor of the Bramco product range.

Leaders in Innovative Protection Systems, M-TRONIX's el3 is compliant to the latest Australian standards, including AS2081:2011. Utilising microprocessor technology el3 provides next generation EL protection to VVVF drives.

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 M-TRONIX ELT3 (1000T)
- Separate control contacts are provided
- Analog Output: 4-20mA, 2-10V

Ordering Information:

- A01312 – el3 Relay - 110AC
- A01313 – el3 Relay - 24-48VAC/DC
- A01334 – Toroid (1000T) 40mm
- A01335 – Toroid (1000T) 72mm
- A01336 – Toroid (1000T) 130mm

Specifications:

Supply:	MODEL	MIN	TYP	MAX	UNIT
	A01312	90	110	120	V AC
	A01313	20	24	50	V AC/DC

Power: 3VA +/-20%
 Operating Temp: 0 – 60° C

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

Various Current and Time ranges are available: See M-TRONIX for other options.

Relay Contacts:

- 5A 250VAC (General)
- 5A 30VDC (Resistive)
- (100VA Max)

Enclosure

Dimensions: 75mmW x 55mmH x 110mmD

Material:

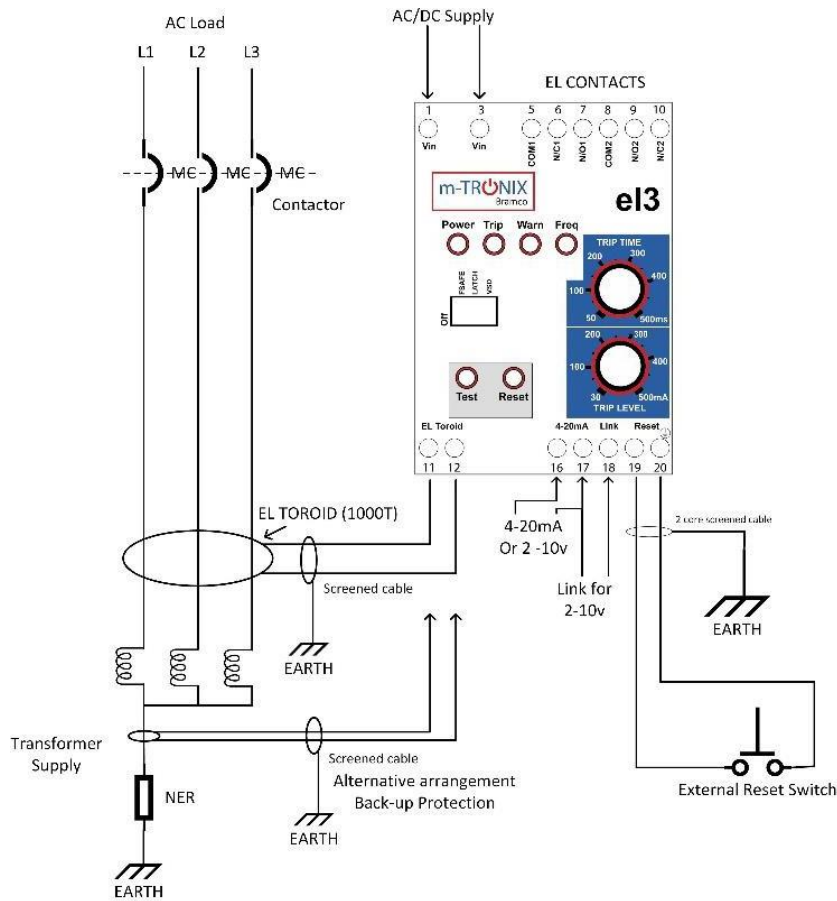
- High impact resistant polycarbonate construction
- IP20 Rating

Mounting: DIN rail

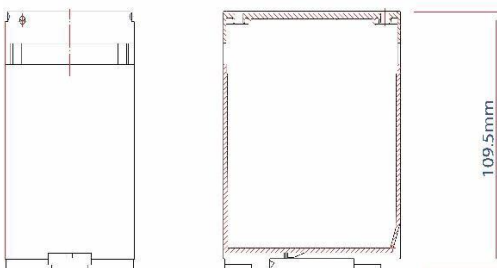
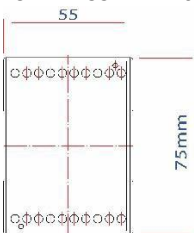
Terminals: Cage screw terminals

Weight: 216gms

This product is designed and manufactured in accordance with ISO9001:2000 requirements.



Enclosure Dimensions
75mm x 55mm x 109.5mm



M-TRONIX Contacts
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Compliance:
AS/NZS 2081:2011
The el3 comes with
a 2 year warranty.