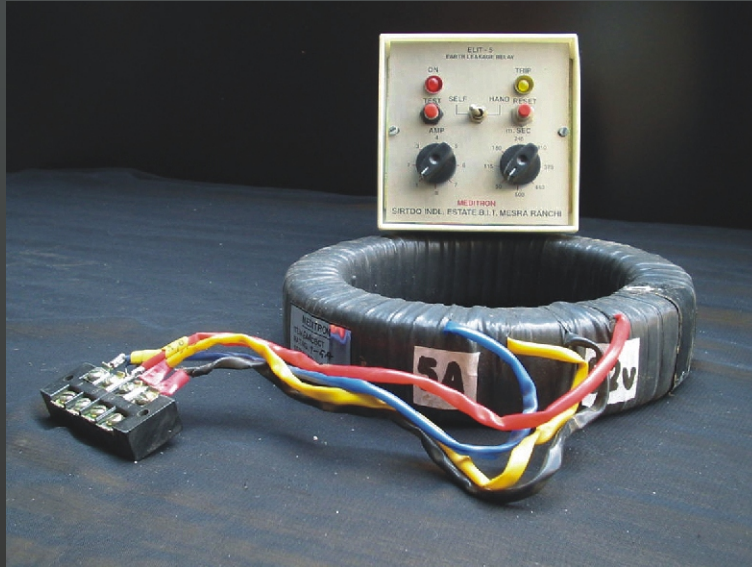


# MEDITRON

AN ISO 9001:2008 COMPANY

## EARTH LEAKAGE RELAY



MEDITRON's EARTH LEAKAGE RELAY provides protection against earth leakage which is sensed by a toroidal current transformer. An earth fault current produces an output in the CT which is fed to the Earth Leakage Relay. If the fault current exceeds the set current then the unit trips the relay. The contacts of this relay can then be used to isolate the fault, usually by tripping a Circuit Breaker or any other switching device.

The Earth Leakage Relay is a static electronic relay. Adjustable sensitivity along with adjustable definite time delay allow efficient discrimination within the systems.

Our Focus is Customer's Delight

JAS-ANZ



<http://www.mespl.co.in>  
<http://www.meditronindia.in>

*Meditron*  
ESTD. 1977

## EARTH LEAKAGE RELAY

### Salient Features :

- Trip sensitivity is adjustable in 8 steps.
- Trip time delay is adjustable in 8 steps of 50 ms each from 50 ms to 500 ms.
- INO + I NC aux contacts 6A rating at 230V AC or 24V DC.
- Status Indication : Power on and relay tripped indications with LEDs.
- Relay OK (self checking) with TEST push button.
- Toggle switch for selecting Auto or Manual mode.

### Application :

The Earth Leakage Relay can be used to protect single, two or three phase circuit with or without a neutral. Both trip sensitivity, pickup current and definite operating trip time delay are individually adjustable thus allowing discrimination with other relays in the system.

**Rating** : 50 mA to 400 mA, 1 to 5A, other ranges on request.

**Trip Time Delay** : 50 ms to 500 ms.

**Accuracy** : 5% on time delay, 5% on sensitivity.

**Life Expectancy** : 1 million operations.

**Enclosures** : Flush mounting on door with a standard cutout of 91 x 91 mm and external dimension of 96 x 96 mm case. Overall size H-96 x W-96 x D-168 mm.

**Fail Safe Versions Available.**

**Earth Leakage Relay for neutral sensing with facility for sensing of neutral breakage available with Fail Safe features.**

Corporate Office & Works

**MEDITRON**

Sirtdo Industrial Estate

BIT Mesra, Ranchi, 835 215, Jharkhand

Ph : +91 (0) 651 2275875

M : +91 9431109636, 9771446692 / 9771446693

Emails : [meditron.enquiry@gmail.com](mailto:meditron.enquiry@gmail.com) • [enquiry@mespl.co.in](mailto:enquiry@mespl.co.in)

Web : <http://www.mespl.co.in> , <http://www.meditronindia.in>