

## ExIS EFAR Earth Leakage Relay

### ENGINEERING CAPABILITIES

Mechanical  
Hydraulic  
Electrical

### PRODUCTS

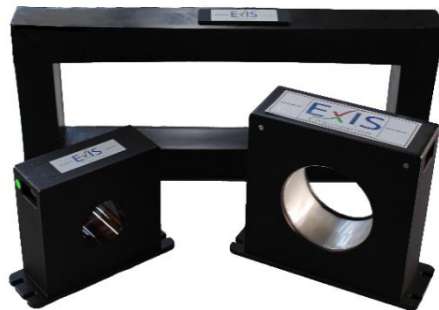
Flameproof and Industrial Starters:

Conveyors  
Flitting  
Compressors  
Feeder Breakers  
Pumps  
Fans  
Roof Bolters  
Winch Controllers  
I.S. Water Level Controllers  
Lighting Transformers  
Tramming Generators  
NERM Panels  
Earth Leakage Relays  
Earth Leakage Test & Data Recorders  
Machine Remote Controllers  
Flameproof Accessories  
Ex ia Portable Hand Lamp

### SERVICES AVAILABLE

Technical Support  
Installation and Setup  
Maintenance  
Consulting

For more information on any of our products or services please visit: [www.exiseng.co.za](http://www.exiseng.co.za)



The ExIS EFAR relay has been designed to detect earth fault currents in three phase power systems. Harmonic filtering enables a more sensitive earth leakage protection for use with variable speed drives and high powered direct-on-line motor starting.

- Touch screen display.
- Real time clock for date and time
- Harmonic suppression filtering
- Last two trip events stored for interrogation.
- Internal and external test and reset facility.
- Visual display of trip level and time delay settings.
- Core balance current transformer (CBCT) integrity monitoring.
- Three CBCT size options available, depending upon size of cable or busbars.

### General Specifications:

- Supply 85-265Vac
- Two potential free contacts rated 250V 10A
- One latching relay for control circuit
- One non-latching relay for shunt trip
- Fail Safe
- Fault current trip levels 30, 100, 150, 250, 375, 500, 750 & 1000mA
- Trip time delay 0, 50, 100, 250, 500, 1000, 2500 & 5000mS
- Cable CBCT 60mm I.D. option
- Cable CBCT 100mm I.D. option
- Busbar CBCT 500 x 300mm option