

# EARTH LEAKAGE PROTECTION: CONTENTS

Earth Leakage Relays	128-130
Trip Circuit Supervision Relays	128-130



# EARTH LEAKAGE PROTECTION

## ELR-1E



The ELR-1E Earth Leakage Relay is a flush mounted DIN 96x96mm unit with a shallow depth (60mm including terminals). The ELR-1E is an extremely reliable, user friendly unit that offers excellent functionality with features that include:

- Adjustable tripping current and time delay settings
- Selectable automatic or manual reset facility
- Adjustable time/current multiplier settings
- Test button
- LEDs to indicate the units status

Trip sensitivity range standard 25mA-25A, with an external multiplier (x100 250mA- 250A. Time delay range of 0.02 to 5 seconds.

## ELRC-1



The ELRC-1 Earth Leakage Relay is manufactured with a built-in Toroidal Transformer. It is especially suitable for those applications where space savings is an advantage (for example Motor Control Centres, Battery Distribution Centres etc.)

The ELRC-1 is an extremely compact, user friendly unit that offers excellent

- Adjustable tripping current and time delay settings
- Selectable automatic or manual reset facility
- Adjustable time/current multiplier settings
- Test button
- LEDs to indicate the units status

Trip sensitivity range standard 25mA-25A. Time delay range 0.02 to 5 seconds.

## ELR-3C



The ELR3-C Earth Leakage Relay has the same excellent functionality as the larger DIN 96x96mm ELR-1E model with reduced dimensions. The ELR3-C is a din rail mounted unit (DIN 43880 Standard) the three modules width (17.5mm).

Trip sensitivity range standard 25mA-25A, with an external multiplier (x100 250mA- 250A. Time delay range of 0.02 to 5 seconds.

## TCS



The TCS Supervision Relay is a devoted trip circuit supervision relay that monitors the protection device's (circuit breaker) tripping circuit. The TCS relay provides the user with peace of mind especially in critical applications such as safety or emergency circuits or where a circuit breaker failure may result in the loss of supply.

# EARTH LEAKAGE PROTECTION

## TemProtect

### ELR-1E Panel Mount Relay (CT must be ordered separately)

Code	Description	Price
601110003	110/240/415 VAC	

### ELRC-1 with Built in CT

Code	Description	Price
601101003	35mm, 110/240/415 VAC	
601102003	60mm, 110/240/415 VAC	
601103003	80mm, 110/240/415 VAC	
601104003	110mm, 110/110/240/415 VAC	

### ELR-3C Din Modular

Code	Description	Price
601130003	110/240/415 VAC	

### Trip Supervision Relays (TCS)

Code	Description	Price
611310113	TCS-2/110/240/415 VAC	

### Multiplying CT

Code	Description	Price
601210000	CT1M-External Multiplier (x10 sensitivity)	

# EARTH LEAKAGE PROTECTION

## TemProtect

### Standard CTs for ELR-1E

Code	Description	Price
621401000	CT-1/35mm	
621402000	CT-1/60mm	
621403000	CT-1/80mm	
621404000	CT-1/110mm	
621405000	CT-1/210mm	
621414000	CTA-1/110mm	
621415000	CTA-1/210mm	

### Remote Indication and Reset Device

Code	Description	Price
601200000	Auxiliary remote control	

### Mounting Accessories

Code	Description	Price
631501000	ELRC-1 COVER 100mm	
631501054	ELR IP54 COVER	

