

EARTH LEAKAGE PROTECTION: CONTENTS

Earth Leakage Relays

Trip Circuit Supervision Relays



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.

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TemProtect

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

Code	Description
601110003	110/240/415 VAC

ELRC-1 with Built in CT

Code	Description
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
601130003	110/240/415 VAC

Trip Supervision Relays (TCS)

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

Multiplying CT

Code	Description
601210000	CT1M-External Multiplier (x10 sensitivity)

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TemProtect

Standard CTs for ELR-1E

Code	Description
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
601200000	Auxiliary remote control

Mounting Accessories

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