



EARTH LEAKAGE RELAY

ELR-63

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

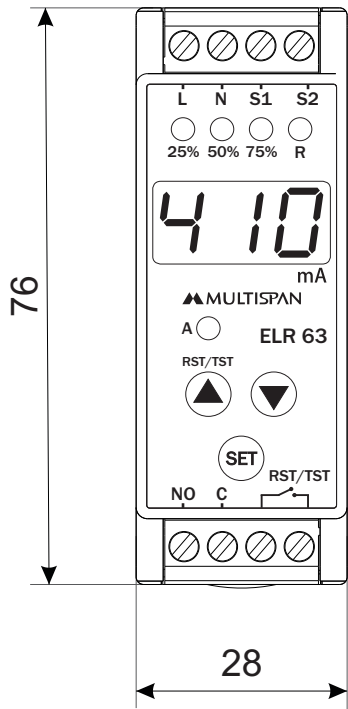
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

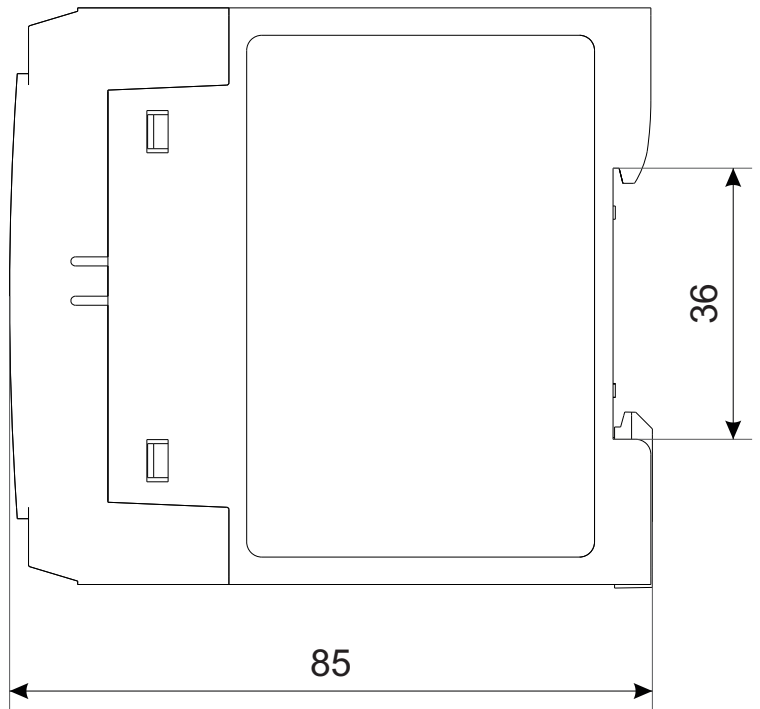
Mechanical Dimensions

Body Dimensions



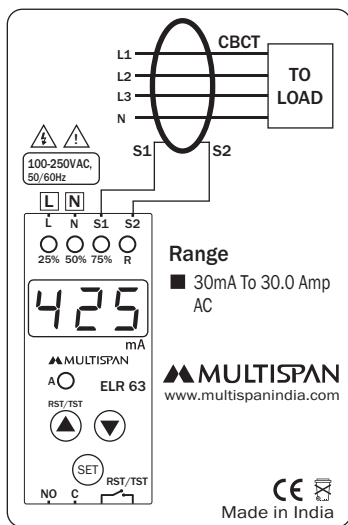
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



TECHNICAL DATA

| | |
|----------------------|---------------------------|
| Input Current | 0.00 to 30.0A From CBCT |
| Range | 0.03 to 30.0Amp |
| Output | 1 Relay , 1 C/O (NO-C-NC) |
| Accuracy | Class 1.0 |
| Certificate | CE |

Features

- Earth Leakage Current Monitoring In 1Ø - 2W, 3Ø-3W And 3Ø-4W System
- Test Mode Available.
- Auto/Manual Tripping Reset Facility.
- LED Indication (25%,50%,75%)
- Test/Trip Reset Via Front Key

LED Indication & Keys

| | |
|--------------|-----------------------|
| LED 1 | Relay1 LED |
| LED 2 | 25% Earth Leakage LED |
| LED 3 | 50% Earth Leakage LED |
| LED 4 | 75% Earth Leakage LED |
| LED 5 | A (Ampere) LED |
| KEYS | SET, INC, DEC |

Input

| | |
|------------------------------|---|
| Current | 0.00 to 30.0A AC From CBCT |
| Display Current Range | 0.03 to 30.0Amp |
| Resolution | If Current in mA = 1 mA If Current in Amp = 0.01A, 0.1A |

Output

| | |
|---------------|---------------------------------|
| Relay | 1 Relay 1C/O (NO-C) |
| Rating | 5A 230V AC (For Resistive Load) |

Trip Setting

| | |
|------------------------|-------------------------|
| Leakage Current | 30 mA to 30 Amp |
| Delay Time | 0.00 to 9.99 Sec |
| Key | SET, INC, DEC |
| LED Indication | Relay, 25%, 50%, 75%, A |

Display LED & Keys

| | |
|-----------------------|--|
| Display | 3 Digit 7 seg 0.36" Red LED Display |
| Key | SET, INC, DEC |
| LED Indication | Relay, 25%, 50%, 75%, A |

Accuracy

Class 1.0

Auxiliary Power Supply

| | |
|---------------------|------------------------|
| Power Supply | 100 to 250V AC 50/60Hz |
| Burden | 3VA |

Environmental Characteristics

| | |
|---------------------|-----------------------|
| Working Temperature | 0 to 55 °C |
| Storage Temperature | 0 to 55 °C |
| Relative Humidity | 95% RH Non-condensing |

Mechanical Characteristics

| | |
|----------------------|--------------------------------|
| Mounting Type | Din Rail Mount |
| Dimension (HxWxD) mm | 76 X 28 X 85 |
| Material | Front Enclosure |
| | Polycarbonate (PC) ABS |
| Terminal Screw Size | M3.5 |
| Screw Torque (N.m) | 0.5 |
| Wire Gauge (AWG) | 26-14 |
| Weight (Approx) gms | Unpacked : 200 Packed : 255 |