



EARTH LEAKAGE RELAY

ELR-35

APPLICATIONS

Control & Relay Panel

Original Equipment Manufactures (OEMs)

Energy Management System

DG Set Panels

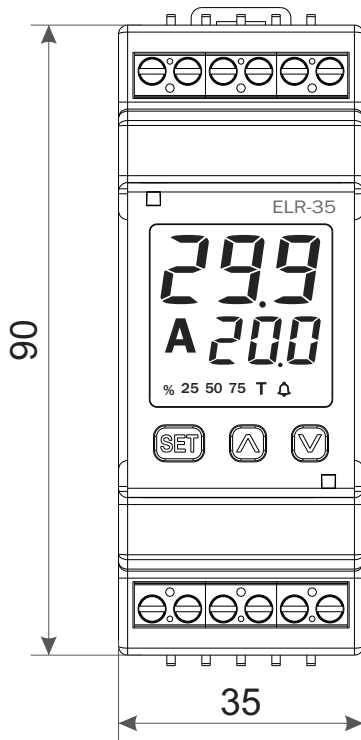
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

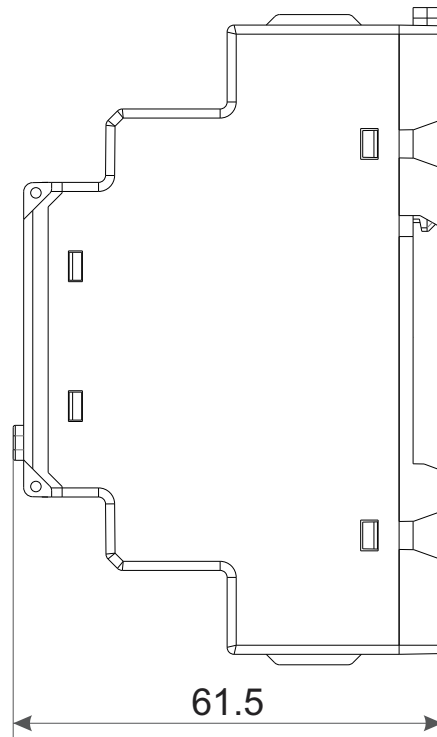
Mechanical Dimensions

Body Dimensions



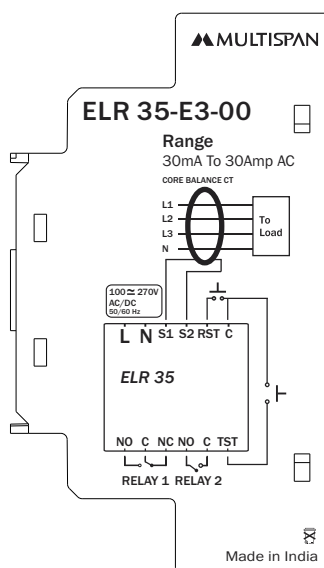
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



TECHNICAL DATA

Input Current	30mA to 30.0Amp From CBCT
Range	30mA to 30.0Amp
Output	1 Relay , 1 C/O (NO-C-NC) 2 Relay , 1 C/O (NO-C)
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%) , Percentage, Trip , Alarm , Trip Delay Time
- Test/Trip Reset Via Front Key / Remote

LED Indication & Keys

LED 1	Percentage
LED 2	25% Earth Leakage LED
LED 3	50% Earth Leakage LED
LED 4	75% Earth Leakage LED
LED 5	Trip
LED 6	Alarm
LED 7	Trip Delay Time
KEYS	SET, INC, DEC

Input

Current	30mA to 30.0Amp AC From CBCT
Display Current Range	30mA to 30.0Amp
Resolution	If Current in mA = 0.01 A If Current in 10A Above = 0.1A

Output

Relay	1 Relay , 1 C/O (NO-C-NC) 2 Relay , 1 C/O (NO-C)
Rating	5A 230V AC (For Resistive Load)

Display LED & Keys

Display	Upper	3 Digit 7 seg 0.4" White LED Display
	Lower	3 Digit 7 seg 0.28" Green LED Display
Key	SET, INC, DEC	
LED Indication	Percentage, 25%, 50%, 75% Trip, Alarm, Trip Delay Time	

Trip Setting

Leakage Current	30mA to 30Amp
Delay Time	0.00 to 9.99 Sec
Key	SET, INC, DEC
LED Indication	Percentage, 25%, 50%, 75% Trip, Alarm, Trip Delay Time

Accuracy

Class 1.0

Auxiliary Power Supply

Power Supply	100 to 270V AC/DC, 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	90 x 35 x 61.5	
Material	Body	Polycarbonate (PC)
Terminal Screw Size	M3	
Screw Torque (N.m)	0.5	
Wire Guage (AWG)	28-12	
Weight (Approx) gms	Unpacked : 105 Packed : 135	