



EARTH FAULT RELAY

EFR-63

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

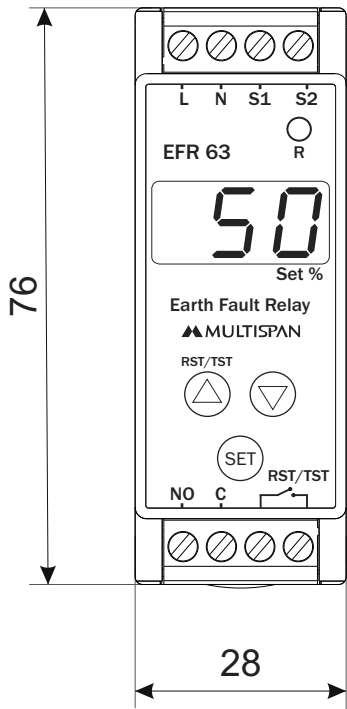
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

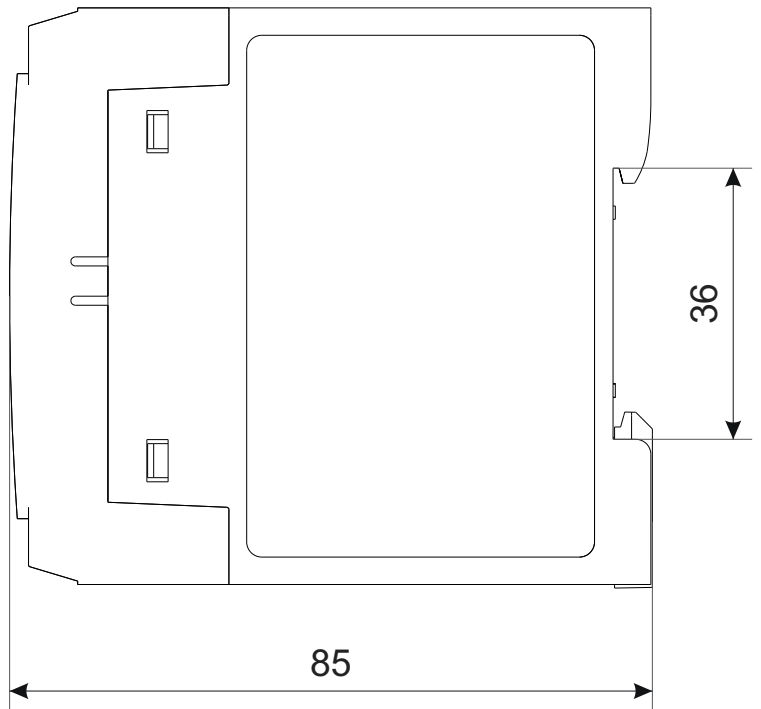
Mechanical Dimensions

Body Dimensions



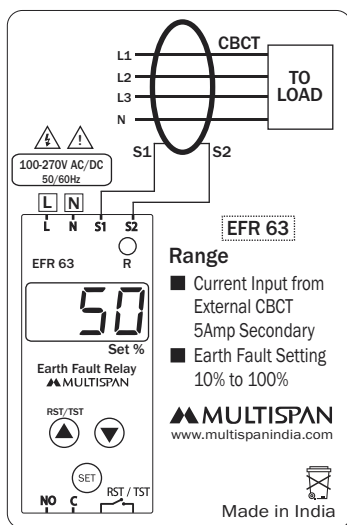
FRONT VIEW

All dimensions are in mm




RIGHT SIDE VIEW

Connection Diagram



TECHNICAL DATA

Input Current	5 Amp. AC From CBCT or CT
Range	10% To 100%
Output	1 Relay , 1 C/O (NO-C)
Accuracy	Class 1.0
Certificate	

Features

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

Input

Current	5 Amp. AC From CBCT or CT
Display Current Range	10% To 100%
Resolution	1%

Display LED & Keys

Display	3 Digit 7 seg 0.36" Red LED Display
Key	SET, INC, DEC
LED Indication	Relay

LED Indication & Keys

LED 1	Relay
KEYS	SET, INC, DEC

Auxiliary Power Supply

Power Supply	100 to 270V AC/DC 50/60Hz
Burden	3VA

Output

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

Trip Setting

Earth Fault Percentage	10% To 100%
Delay Time	0.01 to 3.00 Sec
LED Indication	Relay

Accuracy

Class 1.0

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	Body Polycarbonate (PC)
Terminal Screw Size	M3
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	28-12
Weight (Approx) gms	Unpacked : 200 Packed : 255