



ELR-19N

Earth Leakage Relay

Features

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

Specification

Input Current	30mA to 3A AC through external CBCT
Range	0.030 to 3.000A AC
Output	1 Relay , 1 C/O (NO-C-NC)
Communication	RS-485 (Optional)
Accuracy	Class 1.0
Certificate	CE

LED Indication & Keys

LED 1	Relay LED
KEYS	SET, INC, DEC, ENT/RESET

Application

- Control & Relay Panel
- Original Equipment Manufactures (OEMs)
- Energy Management System
- DG Set Panels
- LT / HT Panel
- Power Control Center Panels
- Motor Control Center Panels

Technical Specifications

Input

Current	30mA to 3A AC through external CBCT
Display Current Range	0.030 To 3.000 Amp AC
Resolution	If Current in mA = 1 mA If Current in Amp = 0.001A

Output

Relay	1 Relay 1C/0 (NO-C-NC),
Rating	10A 230V AC (For Resistive Load)

Display , Keys & LED

Ampere	4 Digit 7 seg 0.56" Red LED Display
Set Value (A)	4 Digit 7 seg 0.56" Red LED Display
Key	SET, UP, DOWN & ENT
LED Indication	Relay

Trip Setting

Leakage Current	30 mA to 3 Amp
Delay Time	00.00 to 10.00 Sec
Key	SET, UP, DOWN & ENT
LED Indication	Relay

Mechanical Dimension

Outline Dimension (mm)	Panel Cutout Dimension (mm)

Auxiliary Power Supply

Power Supply	100-250V AC, 50/60Hz
Burden	4VA

Physical

Mounting Type	Panel Mount
Size (H x W x D)mm	96 X 96 X 54
Front Bezel (H x W) mm	96 X 96
Panel Cutout (mm)	92 X 92
Depth Behind panel(mm)	54
Material	ABS
Accessory	2 Panel Mounting Clamp
Weight	347gm
Terminal & Cable Size	Barrier Type terminal Cable Size (2.5 mm ²)

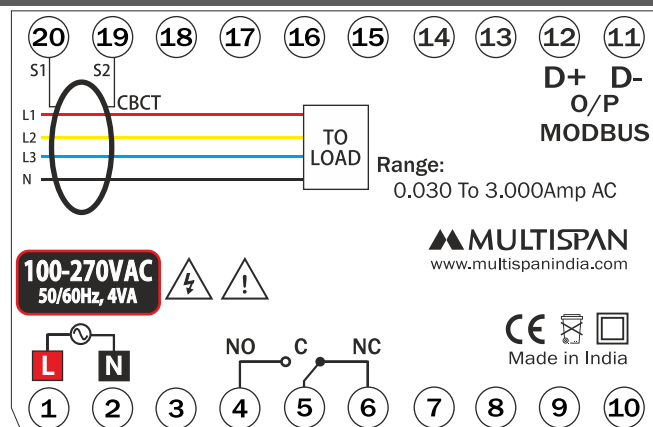
Environmental

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Enclosure Protection	IP 65 (Front Side)

Accuracy

Class 1.0

Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.
Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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