



EARTH TO NEUTRAL RELAY

EN-19N

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

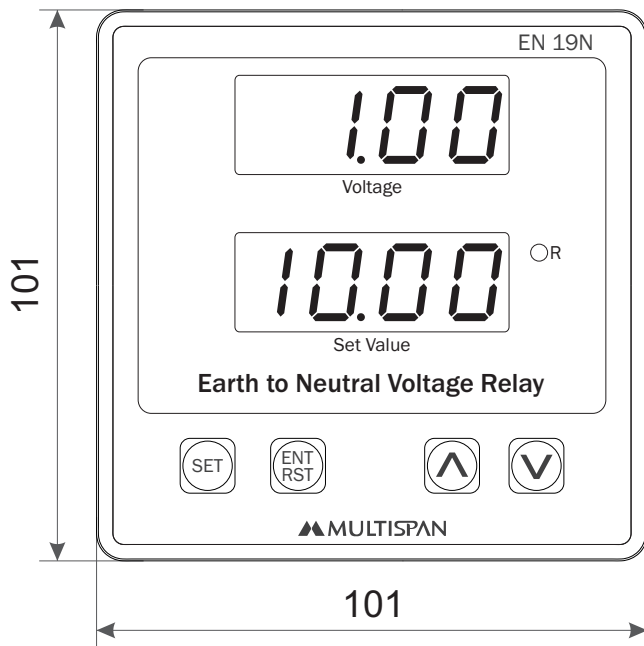
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

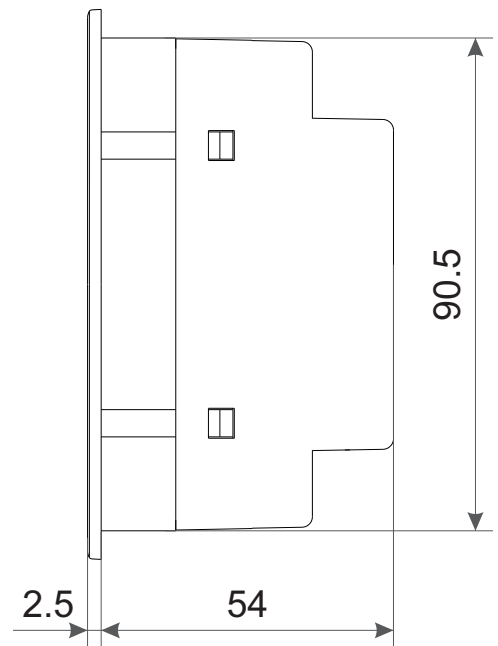
Mechanical Dimensions

Body Dimensions



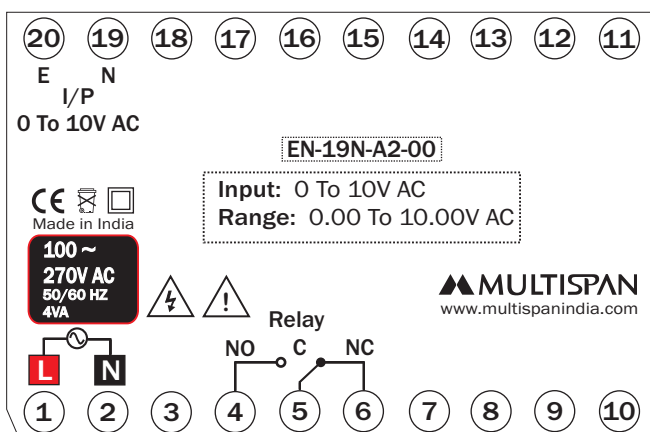
FRONT VIEW

All dimensions are in mm

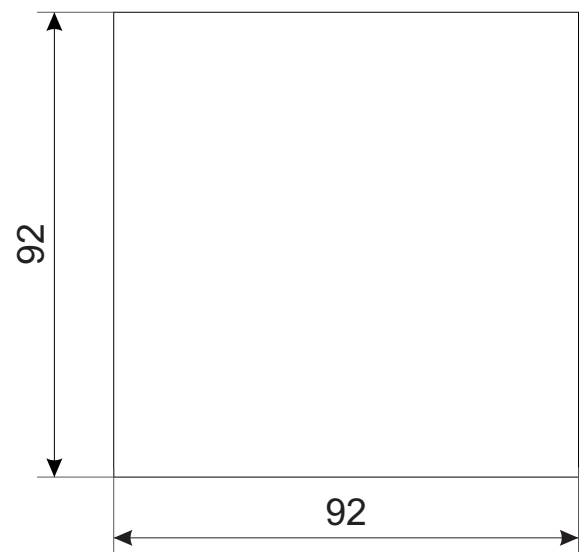


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input Voltage	0 to 10V AC
Range	0.00 to 10.00V AC
Output	1 Relay , 1 C/O (NO-C-NC)
Accuracy	Class 1.0
Certificate	CE

Features

- Earth to Neutral Voltage Monitoring In 1Ø - 2W, 3Ø-3W And 3Ø-4W System
- Auto/Manual Tripping Reset Facility.
- Trip Reset Via Front Key

Input

Voltage	0 to 10V AC
Display Voltage Range	0.00 to 10.00V AC
Resolution	0.01V AC

Display LED & Keys

Display	Voltage	4 Digit 7 seg. 0.56" Red LED Display
	Set Value	4 Digit 7 seg 0.56" White LED Display
Key	SET, UP, DOWN & ENT/RST	
LED Indication	Relay	

LED Indication & Keys

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

Output

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

Trip Setting

Earth to Neutral Voltage	0 to 10V AC
Key	SET, UP, DOWN & ENT/RST
LED Indication	Relay

Accuracy

Class 1.0

Auxiliary Power Supply

Power Supply	100 to 270V AC,50/60Hz
Burden	4VA

Environmental Characteristics

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

Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 54
Panel Cutout (HxW) mm	92 x 92
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
Accessories	1 Pair of Mounting Clamps