

EARTH LEAKAGE RELAY

ECT 70D

APPLICATIONS

Control & Relay Panel

Original Equipment Manufactures (OEMs)

Energy Management System

DG Set Panels

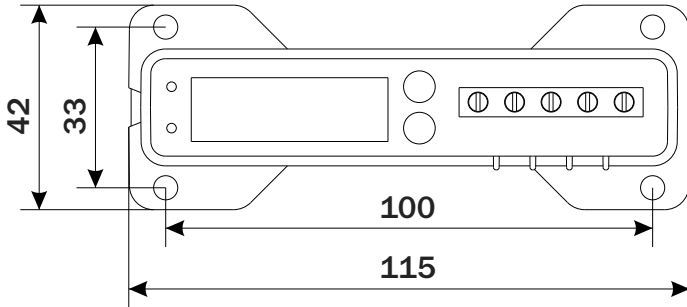
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

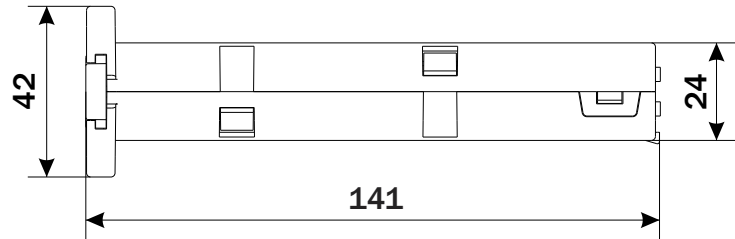
Mechanical Dimensions

Body Dimensions



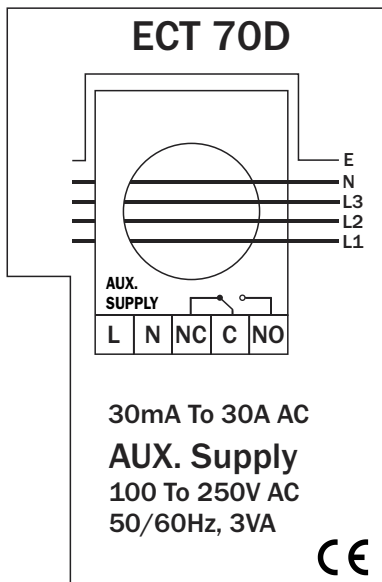
FRONT VIEW

All dimensions are in mm

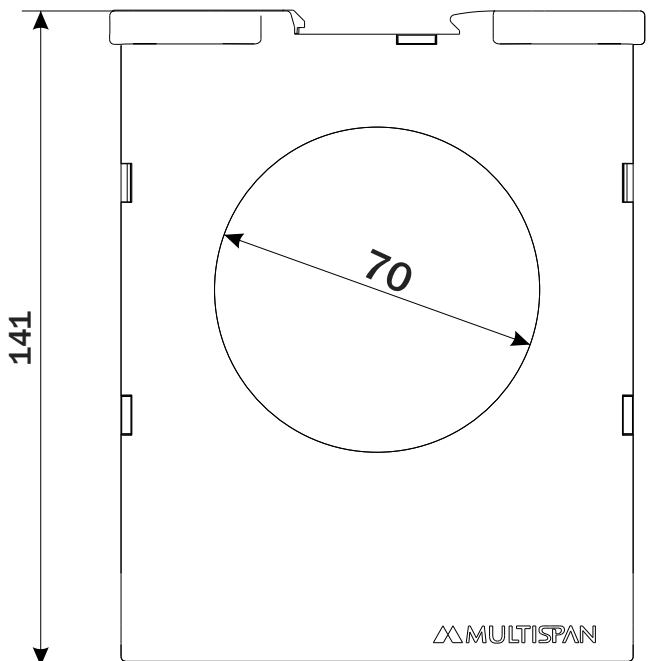


RIGHT SIDE VIEW

Connection Diagram



Inner CBCT Diameter



TECHNICAL DATA

Input	Current	0.030 to 30Amp AC In CBCT
Range		0.030 to 30Amp
Output		1 Relay , 1 C/O (NO-C-NC)
Power Supply		100 to 250V AC,50/60Hz
Accuracy		Class 1.0
Resolution		If Current 0.030 To 0.999A = 0.001A & 1.00A To 30.00A = 0.01A
Certification		CE

Features

- Earth Leakage Current Monitoring In 1Ø - 2W, 3Ø-3W And 3Ø-4W System
- Test Mode Available.
- Auto/Manual Tripping Reset Facility.
- Relay LED Indication

Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 70 °C
Relative Humidity	95% RH Non-condensing
Ingress Protection	IP 65 (Front Side)

Trip Setting

Leakage Current	30mA to 30Amp
Delay Time	0.00 to 9.99 Sec

Mechanical Characteristics

Mounting Type	Din Rail Mount
Dimension (HxWxD) mm	42 x 115 x 41
Material	Polycarbonate (PC)
Terminal Screw Size	M3
Screw Torque (N.m)	1
Wire Gauge (AWG)	28-12
Weight (Approx) gms	Unpacked : 210 Packed : 225

Display, Led & Keys

Display	4 Digit 7 seg 0.39" Red LED Display
Key	TST, RST
LED Indication	Relay