



Features

- 3 CT Sensing
- LCD Type with dual colour backlight
- Supports Intelligent Algorithm
- Automatically switches between various capacitive bank
- 08/12/14 steps
- Configurable Alarm Settings
- Alarm Indication Display
- Programmable fan control
- ModBus-RTU communication (only for 12 Relay option)
- Dual Password Protection

Technical Specifications

Display

Type of display LCD with dual colour backlight
Digit 3 lines 4 digit to show electrical

Input Specifications

Rated Input 11 to 300V AC (L-N)
Voltage 90 to 550V AC (L-L)
Supply Current Nominal 5A AC (Min-11mA, Max-6A)
Frequency 45-65 Hz
Burden 20 mΩ
Wiring Input 3Ø-4wire/3Ø-3wire/2Ø-2wire/1Ø
Accuracy Voltage (L-N/ L-L), Current $\pm 0,5\%$ of full range
Frequency: $\pm 0,1\%$ of full range
Power (kW, kVA, kVA): $\pm 1\%$ of full range
Energy (kWh, kVArh, kVAh): Class 1

Resolution For Energy: 0.01k, 0.1k, 1k, 0.01M, 0.1M, 1M
For Power factor: 0.01

For Voltage, Current, Power: Auto resolution
Auto/Manual/Default (Programmable)

Display scrolling Scrolling time: 5sec
Measurements Power factor, power (kW, kVA, kVA),
Energy (kWh, kVAh), Phase voltage and
phase current, frequency, temperature
Up to 31 th order Harmonics measurements

Measurements Range

Power Factor 0.8 lag-0.8 lead
Over Voltage 250V-290V (L-N)
490V-520V (L-L)

Under Voltage 195V-210V (L-N)
400V-415V(L-L)

Under Compensate ON/OFF

Resettable Parameters

CT Primary 5A to 9999A (Programmable for any value)
CT Secondary 1A/5A (Programmable for any value)

Output Specifications

Output Contacts NO, One common point Max fuse 6A
Steps 1 to 08/12/14*
Relay Contact 5A" 250V AC
Note*: When 14 relay option selected, fan alarm relay will be

Communication

Communication Interface RS485/Modbus RTU (Only for 12 Relay)

Auxiliary Supply

Input voltaje range 90-550V AC
Consumption 15VA Max
Frequency 50-60 Hz

Control Specification

Target PF RS485/Modbus RTU (Only for 12 Relay)
Switching program Automatic/Linear/Rotational
Control Sensitivity 55 to 100%
Step Time 1 to 999 sec
Discharge Time 1 to 999 sec
Control Mode Automatic/Manual
Auto initialization Yes/No

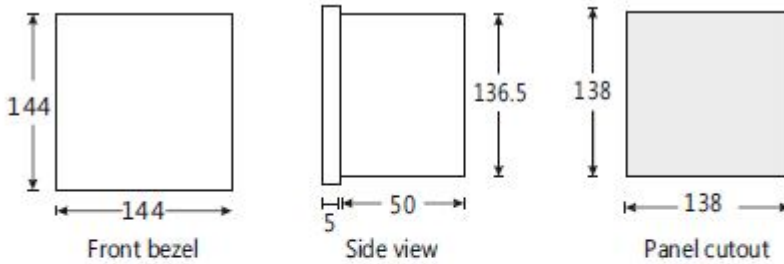
Environmental Specifications

Temperature	Operating: 0 °C to 60 °C Storage: -20 °C to 60 °C
Humidity (non-condensing)	Up to 95% RH

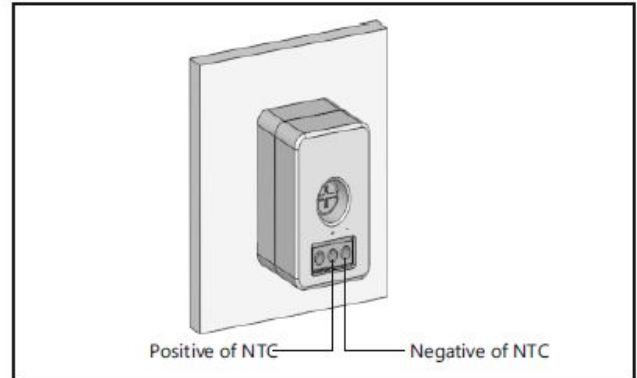
Mechanical Specifications

Mounting	Panel Mounting
Weight	450-460 gms

Dimensions



NTC Temperature Sensor



Terminal Connections

