



96 x 96mm

Features

- 1Ø-2W, 3Ø-3W, 3Ø-4W
- Monitors Under Current, Over Current & Current Asymmetry
- True RMS Measurement
- Separate Power ON Delay, Trip Time Delay and Recovery Time Delay for Each Fault
- Adjustable Switching Hysteresis
- Two Alarm Relays with NO/NC
- Panel Mount

Display Specifications

Type	: Digital
Display	: LED Display
No. of LED	: 10
No. of Push Button	: 3

LED Indication Chart

Condition	UC LED	OC LED	CA LED
Normal Condition	OFF	OFF	OFF
Under Current	ON	OFF	OFF
Over Current	OFF	ON	OFF
Current Asymmetry	OFF	OFF	ON

NOTE: If More than one faults occurs on both relays it will indicate faults by respected LED indication.

Input Specifications

Functions	
Measurements	: Undercurrent, Over current and Current Asymmetry
Time Settings	: Power ON delay, Trip time delay, Recovery time delay
Alarm Indications	: Under current, Over Current, Current Asymmetry
Reset	: Auto/Manual
Electrical Connection	: 1Ø-2W, 3Ø-3W, 3Ø-4W
CT Settings	
CT Ratio	: CT Pri.: 1-999A (Selectable) CT Sec.: 5A(Default)
Current Rating	
Measuring Range	
RMS Value	: 0-999A
Trip Settings	
Under Current	: 0-999A
Over Current	: 0A-999A
Current Asymmetry	: 5.0-99.9%
Trip Time Settings	
Power ON Delay	: 1-999sec
Trip Time Delay	: 0-999sec
Recovery Time Delay	: 0-999sec
Response Time	: <100ms

Trip Time Settings

Hysteresis	
Current	: 0.1-99.9%
Resolution	
Current	: 0.01, 0.1, 1A, (Depends on CT Setting)
Accuracy	
Voltage	: 1% of Setting 2digits
Time Setting Accuracy	: 5% of Setting 100ms

Output Specifications

No. of Relays	: 2
Relay Contact	: 1C/O (SPDT)
Relay Rating	: NO/5A@250VAC : NC/3A@250VAC

Auxiliary Supply Specifications

Supply Voltage	: Auxiliary powered
Operating Voltage	: 230V AC
Frequency	: 50/60Hz
Power Consumption	: 20VA max

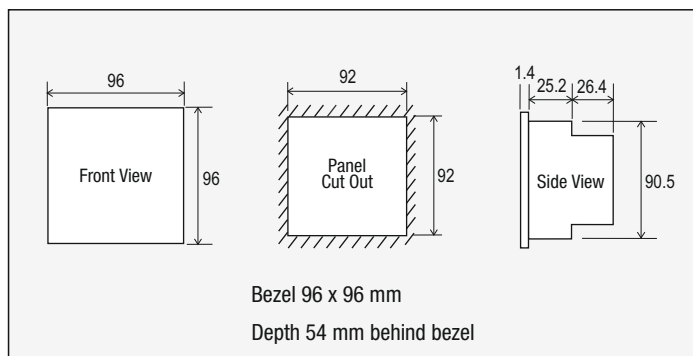
Environmental Specifications

Temperature	: Operating Temperature: 0° to 50°C Storage Temperature: -20° to 70°C
Humidity (Non-condensing)	: Upto 95%RH

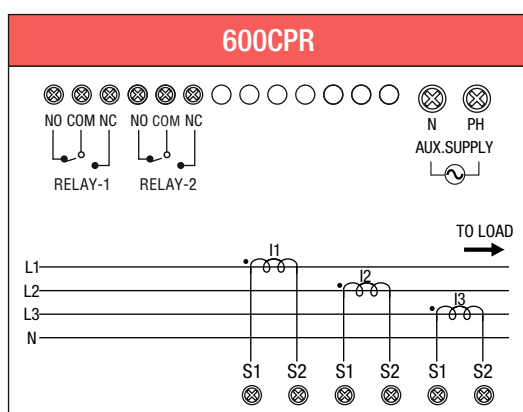
Mechanical Specifications

Mounting	: Panel Mounting
Weight	: 160g
Screw Tightening Torque	: 0.5NM

Mechanical Specifications



Connection Diagram



Ordering Information

Product Name	Discription
600CPR	230V AC 50/60 Hz