

Intelligent Multi-Function Power Analyzer

- Suitable for Single & Three Phase networks
- Import /Export kWh
- UK CE Certification
- Backlit Digital Screen



PRODUCT PARAMATER

- Up to 63rd THD and IHD
- RS485 Modbus RTU
- Multi-tariffs
- Accuracy Class 0.5 s
- Bar Graph for Power Indication
- Backlit LCD Display for Full Viewing Angles

Basic Parameter

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Characteristics

- Measures kWh, kVarh, kW, kVar, kVA, P, F, PF, Hz, dmd, V, A, etc.
- Bi-directional Measurement IMP & EXP
- Energy Information of Each Phase
- Total/Individual Harmonic Distortion of Voltage and Current
- 2nd~63rd Individual Harmonic Distortion
- RS485 Modbus RTU
- Bar Graph for Power Indication
- Self-power Supply from Any Phase
- Backlit LCD Display for Full Viewing Angles
- Accuracy Class 0.2S /0.5S /1.0
- Plug-in Play Solution

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Technical Specifications

Electrical characteristics		
Type of measurement		RMS including harmonics on three phase AC system (3P, 3P+N)
Measurement accuracy	Active power	1.0% of range maximum
	Reactive power	1.0% of range maximum
	Apparent power	1.0% of range maximum
	Active Energy	IEC 62053-22 Class 0.5S, IEC 62053-21 Class 1.0
	Reactive Energy	1.0% of range maximum to IEC 62053-24
	Frequency	0.2% of mid-frequency
	Current	0.5% of range maximum
	Voltage	0.5% of range maximum
	Power Factor	1% of unity (0.01)
	THD	2% to 63rd harmonic
Input & Output		
Input-Current	Rated Current	5A
	Max Current	9999A
	Min Current	0.25A
	Starting Current	20mA
	Communications	Modbus RTU (RS485)
	Type	2-wire half duplex
	Baud rate	2400,4800, 9600, 19200, 38400
	Address	1 to 247

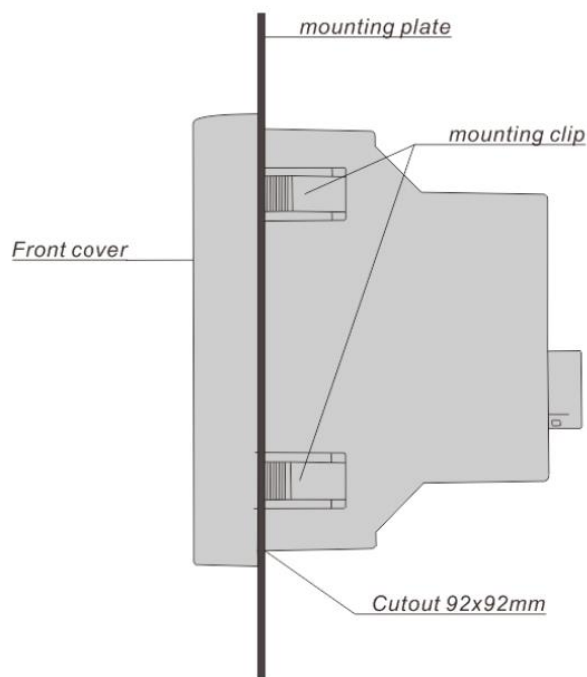
PRODUCT PARAMATER

Technical Specifications

Mechanical Characteristics	
Weight	340g
IP Degree of Protection(IEC 60529)	IP51 front display
Dimensions (WxHxD)	96x96x92mm
Panel cut-out	Vertical
Material of meter case	Self-extinguishing UL 94 V-0
Terminals	Voltage: Shrouded screw-clamp. Current: RJ12
Environmental Characteristics	
Operating Temperature	-25 to 55°C
Storage Temperature	-40 to 70°C
Humidity Rating	<95% RH at 50 °C (non-condensing)
Pollution Degree	2
Altitude	3000m

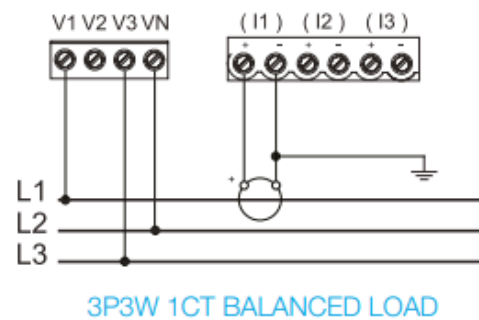
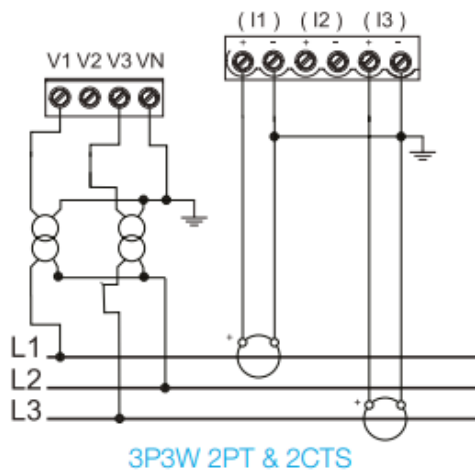
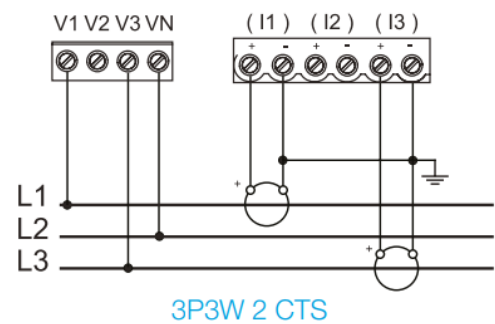
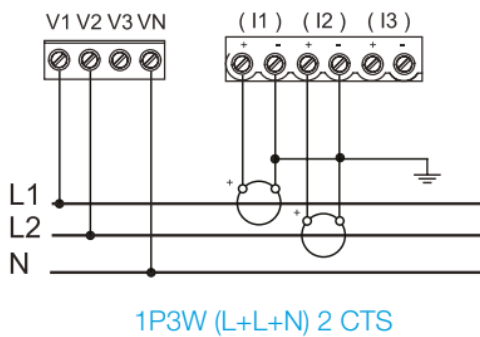
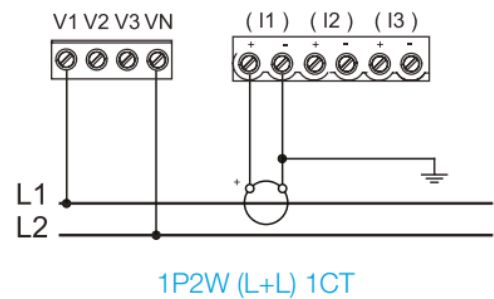
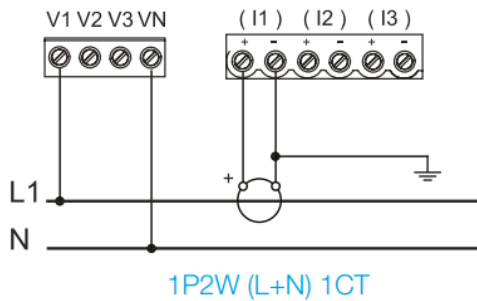
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Mounting



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Wiring Configuration



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Wiring Configuration

