



- Flush-mount LCD Power Analyzer, 96x96 mm
- Expandability with expansion modules
- High accuracy measuring of Active Energy with Class 0.5S
- Backlight Icon LCD 72x46 mm / 2.8" x 1.8"
- Harmonic Analysis - upto the 15th order Harmonic
- More than 200 measured electrical parameters
- Auxiliary Supply 100-440V AC / 120-250V DC
- Front optical port and RS485 port
- Three Phase + Neutral

Product Detail

Power Analyzer series	G
Model	G615
Type	Energy and Power Meter

Technical Specifications

Auxiliary supply Us

Auxiliary rated supply voltage AC	100V...440V AC		
Auxiliary rated supply voltage DC	120V...250V DC		
Auxiliary operating voltage range	AC	min	90V AC
		max	484V AC
Auxiliary operating voltage range	DC	min	93.5V DC
		max	300V DC
Operational frequency		min	45 Hz
		max	66 Hz
Power consumption		max	9.5 VA
Power dissipation		max	3.5 W

Measuring Voltage inputs

Rated Voltage (Ue)	phase-phase	600V AC
	phase-neutral	300V AC
Operating Voltage range	phase-phase	50V...720V AC
	phase-neutral	30V...360V AC
Voltage inputs operational frequency	min	45 Hz
	max	66 Hz
Voltage inputs measurement method	True RMS	
Connection method	Single. Two. three-phase with or without neutral. Balanced three-phase system	

Current Inputs

Rated Current (Ie)	1A / 5A
Measurement range	0.01...1.2 / 0.01...6
Measurement method	TRMS
Overload capacity	+20% Ie by external CT with 5A secondary
Overload peak	50A for 1s

Technical Specifications

Accuracy

Measurement conditions (T +23°C ±1 °C / Rel. Humidity 45 ±15% R.H.)	±0.2%	VLN Voltage
	±0.2%	VLL Voltage
	±0.2%	Current
	±0.05%	Frequency
	±0.5%	Active Power
	Class 0.5s	Active Energy
	Class 2	Reactive Energy

Communication

Communication Port	RS485
Communication Protocol	Modbus-RTU, ASCII and TCP

Insulations

Rated insulation voltage U_i	600V
Rated impulse withstand voltage U_{imp}	9.5 kV
Operating frequency withstand voltage	5.2 kV

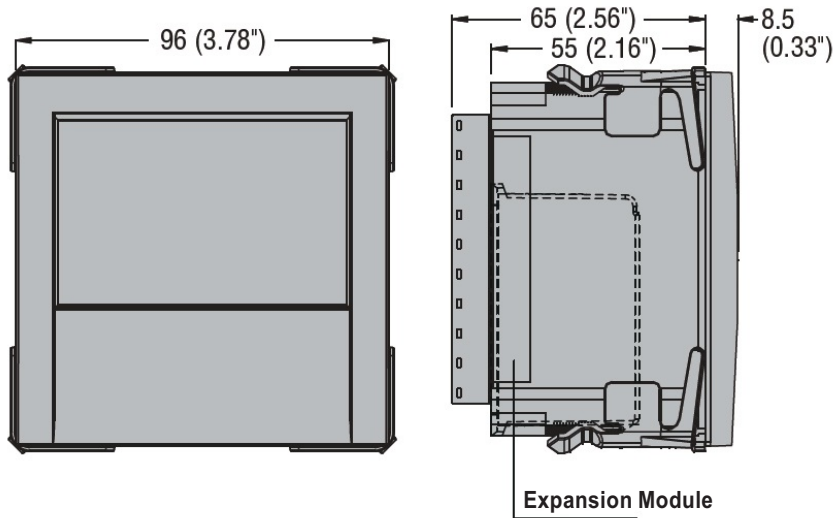
Mechanical features

Housing type	Polyamide	
Terminals type	Removable	
Conductor cross section	min.	0.2 mm ²
	max.	2.5 mm ²
	min.	24 AWG
	max.	12 AWG
Tightening torque (Max)	0.5 Nm	
	4.5 lbin	
Fixing	Flush-mounting, 96x96mm / 3.78"x3.78"	
Weight	350 gram	
Expansion Slot	1 no.	

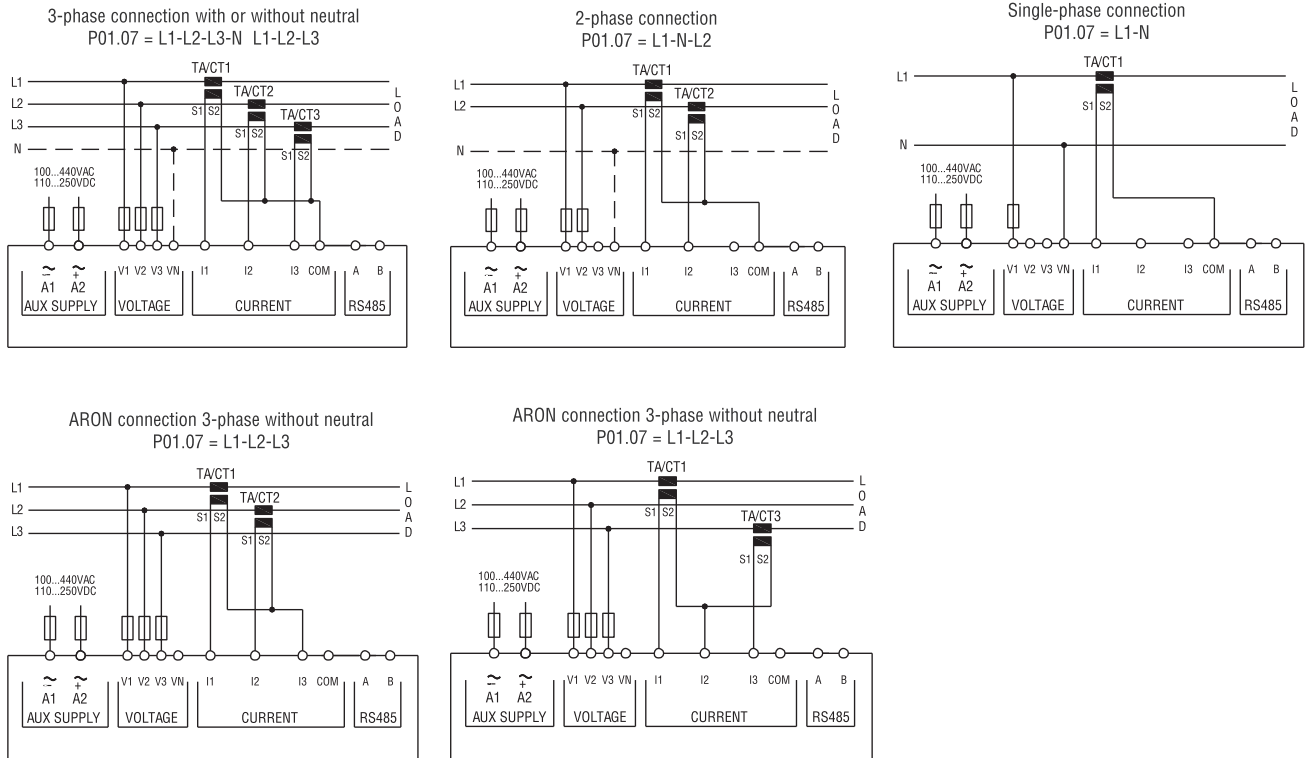
Ambient Conditions

Operating temperature	min	-20°C
	max	+60°C
Storage temperature	min	-30°C
	max	+80°C
Relative humidity	<90 %	
Maximum Pollution degree	2	
Protection degree	IP54	

Dimensions :-



Wiring Diagrams



Specifications and characteristics mentioned in this document are subject to change without notification. The information in this document is purely illustrative, and not contractually binding.

Sold & Serviced in India by :

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