



- True RMS Measurement Of All Basic 3Ø Electrical Parameters
- Energy (Active, Reactive, Apparent)
- Plug-n-Wire quick connect current input
- Programmable CT Primary, PT Primary/Secondary
- RS485 Modbus Communication
- Pulse Output
- Max / Min Demand of power
- % THD upto 31st order for voltage & current parameters

Size: 96mm x 96mm (1/4 DIN)

Certifications: CE

Technical Specifications

Display

Display	Liquid Crystal Display with backlight
Digit	4 row, of 4 digits per line to show electrical parameters, 1 row of 8 digits for energy display
Bargraph	Representation of current

Input Specifications

Electrical Connection	3Ø-4 wire, 1Ø-2 wire
Input Voltage Range	100 to 240V AC, (Phase to Neutral) 173 to 415V AC, (Phase to Phase)
Frequency	45Hz - 65Hz
Display Scrolling	Automatic / manual
Resolution	For energy: 0.01K, 0.1K, 1K, 0.01M, 0.1M, 1M (depending upon CT ratio X PT ratio) For Power, Voltage, Current: Auto resolution For Power factor: 0.001
Accuracy	Voltage (L-N / L-L), Current: $\pm 0.5\%$ of F.S Power factor: ± 0.01 Frequency: $\pm 0.1\%$ (For $V > 20V$ L-N, $V > 35V$ L-L) Power (kW, kVA, kVA): 1% Energy (Active, Reactive, Apparent): 1%
Measuring Parameters	Voltage (L-L / L-N) (Individual / Average) Current (I1, I2, I3) (Individual / Average) Frequency, Power Factor (Individual / Average) Active, Reactive & Apparent power (Individual / Total), Active, Reactive & Apparent Energy (Phase wise (Import / Export) & Total (Import/ Export)), Demand (Min / Max Active Power, Min / Max Reactive Power, Max Apparent Power) Harmonics individual for voltage & current upto 31st level

Output Specifications

Pulse Output	Pulse Output: Voltage Range: External 24V DC max. Current Capacity: 100mA max Pulse duration: Selectable between 0.1 to 2 sec Pulse weight: Selectable between 0.01 to 99.99 kWh
Communication	RS485 MODBUS Communication

Supply Specifications

Self Supplied

Resettable Parameters

C.T Primary	5A to 10,000A (Programmable for any value)
C.T Secondary	330mV
P.T Primary	100V to 500kV (Programmable for any value)
P.T Secondary	100V to 500V AC (L-L) (Programmable for any value)

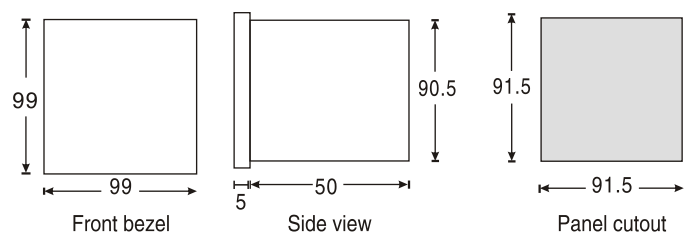
Environmental Specifications

Temperature	Operating Temperature: 0 to +50° C Storage Temperature: -20 to +75° C
Humidity (non-condensing)	Upto 85% RH

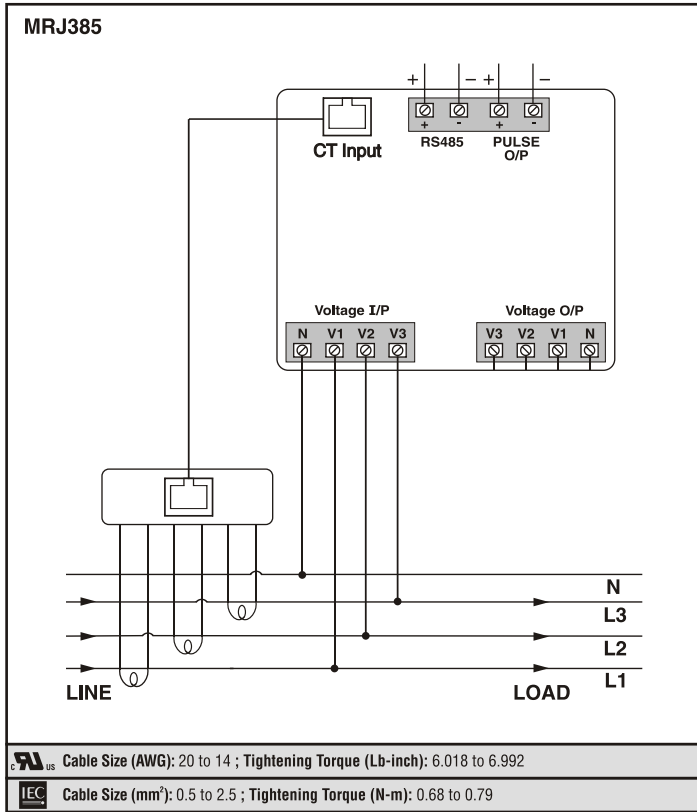
Mechanical Specifications

Mounting	Panel mount
Weight	230 gms
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



Ordering Information

Part No.	Output		Certification
	Pulse Output	Comm (RS485)	CE
MRJ385-G-PNW	■	■	■