Features :

- **3Ø True RMS (Voltage, Current)**
- **Plug-n-Wire, RJ45 Connector Current Input**
- **Energy (Active, Reactive)**
- **3Ø Power (Active, Reactive, Apparent)**
- **Programmable CT Primary, PT Primary / Secondary**
- **Modbus RTU Communication (RS485)**
- **Single Pulse Output**
- **Max Demand power**
- **Self Powered**

DIN 70mm

Certification : CE

Display Specifications

Display	3 rows, LCD with Backlight
Digits	2 rows of 4 Digits, 1 row of 7 Digits
LED Indications	Integration of Energy

Input Specifications

Electrical Connection	3Ø - 4 wire, 1Ø - 2 wire
Input Voltage Range	60 to 300V AC (L - N) 104 to 520V AC (L - L)
Frequency	45 to 65Hz
Display Scrolling	Automatic / Manual
Power Consumption	8VA max
Display Reset	Programmable (For energy)
Resolution	For energy : 0.01k, 0.1k, 1k, 0.01M, 0.1M (depending upon CT ratio x PT ratio) For Power, Voltage, Current : Auto Resolution For Power Factor : 0.01
Accuracy	Voltage (L - N / L - L) : ±0.5% of F.S. Current : ±0.5% of F.S. Power Factor : ±0.01 Frequency : ±0.1 For L - N Voltage >20V For L - L Voltage >35V Power (Active, Reactive, Apparent) : ±1 Energy (Active, Reactive) : ±1
Memory Retention	10 years (For energy)
Measuring Parameters	Voltage (L - L / L - N) (Individual / Average), Current (Individual / Average), Frequency, Power Factor (Individual / Average), Active, Reactive & Apparent power (Individual / Total), Active and Reactive Energy, Demand (Max Active Power, Max Apparent Power)

Output Specifications

Pulse Output	Voltage Range : 24V DC max Current Capacity : 100mA max Pulse Duration : Selectable between 0.1 to 2.0 sec. Pulse Weight : Selectable between 0.01 to 9.99 kWh
Communication Interface and Protocol	RS485 and MODBUS RTU
Communication Address	1 to 255
Transmission Mode	Half duplex
Transmission Distance	500 meter maximum
Transmission Speed	300, 600, 1200, 2400, 4800, 9600, 19200 (in bps)
Parity	None, Odd, Even
Stop Bits	1 or 2
Response Time	100ms (max and independent of baud rate)

Auxiliary Supply Specifications

Supply Voltage	60 to 300V AC, 50 / 60Hz (±5%), Self Supplied (V1, N)

Settable Parameters

CT Primary	5A to 10kA (Programmable for any value)
CT Secondary	330mV
PT Primary	100V to 10kV (Programmable for any value)
PT Secondary	100V to 500V AC (L - L) (Programmable for any value)

Environmental Specifications

Temperature	Operating Temperature : -10° to 55°C Storage Temperature : -20° to 75°C
Humidity (non - condensing)	Upto 85% RH

Mechanical Specifications

Mounting	Din Rail
Weight	191gms