



Features:

- 3Ø Power (Active, Reactive)
- 3Ø Power Factor
- Energy (Active, Reactive, Apparent)
- Programmable C.T / P.T Primary/Secondary
- Modbus RTU Communication (RS485) (Optional)
- Single Pulse Output

Size: 1/4 DIN 96mm x 96mm

Certifications: CE  PENDING

Technical Specifications

Display

Display	LCD
Digit	8
Digit Height	10.5mm

Input Specifications

Electrical Connection	3 Ø-3/4 wire, 2 Ø-3 wire, 1 Ø-2 wire
Input Voltage	19 to 519V AC (phase to phase), 50/60Hz 11 to 300V AC (phase to neutral), 50/60Hz
Input Current	10mA - 5A (6A Max)
Measurement Range	99999999
Frequency	45 to 65 Hz
Resolution	For energy- 0.01k, 0.1k, 1k, 0.01M, 0.1M, 1M, 10M (depending upon CT ratio X PT ratio)
Accuracy	Active / Reactive Power - ±1% Active / Reactive / Apparent Energy- Class1 Power Factor & AVG Power Factor - ±1%
Memory Retention	10 years (for energy)
Display Reset	Programmable (for energy)

Output Specifications

Pulse output	1 (Opto-Isolated)
Pulse Voltage	24V DC
Pulse Current	100mA (Max)
Pulse duration	100ms ±50ms

Supply Specifications

Auxiliary Supply	85 to 270V AC (50 / 60 Hz)
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Resettable Parameters

C.T Primary	1A/5A to 10,000A programmable for any value
C.T Secondary	1A/5A (External CT must be connected for current more than 5A)
P.T Primary	100V to 500kV programmable for any value
P.T Secondary	100V to 500V (L-L) programmable for any value

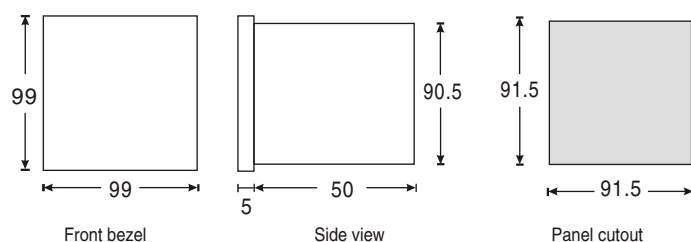
Environmental Specifications

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

Mechanical Specifications

Mounting	Panel mount
Weight	310gm
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections

EM368

Terminal connection diagram for EM368. The diagram shows a 3-phase supply (L1, L2, L3) and neutral (N) connected to terminals S1, S2, S1, S2, S1, S2, N, V1, V2, V3. The meter has two output terminals: PULSE O/P (+) and PULSE O/P (-).

EM368-C

Terminal connection diagram for EM368-C. The diagram shows a 3-phase supply (L1, L2, L3) and neutral (N) connected to terminals S1, S2, S1, S2, S1, S2, N, V1, V2, V3. The meter has three output terminals: PULSE O/P (+), PULSE O/P (-), and RS485 (+).

Cable Size (AWG): 13 ; Stud Hole for Lug (inch): 0.137 ; Tightening Torque (Lb-inch): 4.5

Cable Size (mm²): 2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.5

Ordering Information

Part No.	Supply Voltage	Output		Certification	
	85-270V AC	Pulse Output	Commn (RS485)	CE	UL _{US}
EM368	■	■			
EM368-CU	■	■		■	■
EM368-C	■	■	■		
EM368-C-CU	■	■	■	■	■

EN-VIEW: Windows based communication software available for data logging.