



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

Certifications: CE 

Technical Specifications

Display

Display	LCD
Digit	8
Digit Height	10.5mm

Input Specifications

Electrical Connection	3Ø-3/4 wire, 2Ø-3 wire, 1Ø-2 wire
Input Voltage	19 to 519V AC (phase to phase) 11 to 300V AC (phase to neutral)
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	Power (Active, Reactive): $\pm 1\%$ Energy (Active, Reactive, Apparent): Class1 Power Factor & AVG Power Factor: $\pm 1\%$
Memory Retention	10 years (for energy)
Display Reset	Programmable (for energy)

Output Specifications

Pulse Output	Voltage Range - External 24V DC Current Capacity - 100mA max Pulse Width - 100 ms ± 5 ms
Communication	RS485 MODBUS Communication

Supply Specifications

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

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)

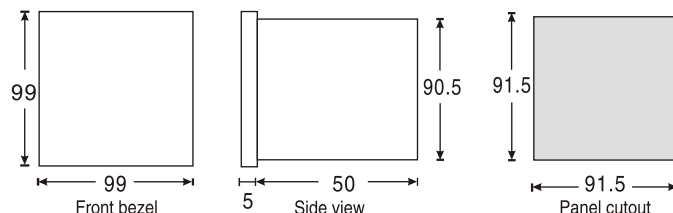
Environmental Specifications

Temperature	Operating: -10 to +55°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

EM368-C

Cable Size (AWG): 20 to 14 ; Tightening Torque (Lb-inch): 6.018 to 6.992

Cable Size (mm²): 0.5 to 2.5 ; Tightening Torque (N-m): 0.68 to 0.79

Ordering Information

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

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