



Features:

- Active Energy
- Pulse Output
- Programmable CT Primary / Secondary

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

Technical Specifications

Display

Display	LED display
Digit	6 (Height - 14.2mm)

Input Specifications

Electrical Connection	3Ø - 3/4 wire, 2Ø - 3 wire, 1Ø - 2 wire
Input Voltage Range	19 to 519V AC, (Phase to Phase) 11 to 300V AC, (Phase to Neutral)
Input Current Range	10mA - 5A (6A Max)
Frequency	45Hz - 65Hz
Energy Reset	Available (Password Protected)
Resolution	For energy: 0.01k, 0.1k, 1k, 10k (depending upon CT ratio)
Accuracy	Class 1
Memory Retention	10 years
Measuring Parameters	Active Energy (Total)

Output Specifications

Pulse Output	1 (Opto - isolated)
Pulse Voltage	24V DC (Max)
Pulse Current	100mA (Max)
Pulse Duration	100ms ± 5ms

Supply Specifications

Auxiliary Supply	230V AC, ±20% (50/60 Hz)
------------------	--------------------------

Resettable Parameters

CT Primary	1A / 5A upto 10,000A (Programmable for any value) Note: 1A or 5A depends upon the CT Secondary
CT Secondary	1A or 5A (Programmable)

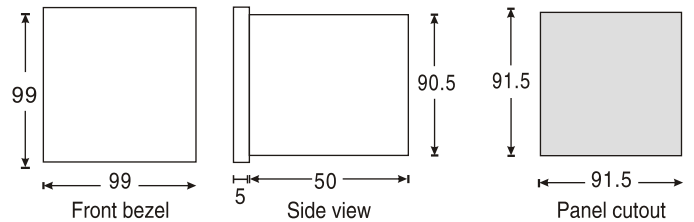
Environmental Specifications

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

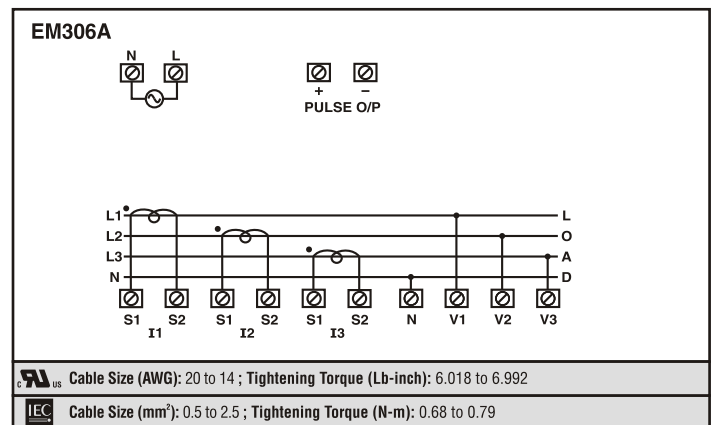
Mechanical Specifications

Mounting	Panel mount
Weight	340gms
Protection Level	IP65 for faceplate

Dimensions



Terminal Connections



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

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

Ordering Information

Part No.	Supply Voltage	Output
	230V AC	Pulse Output
EM306A	■	■