



## Three Phase LTCT Meter ER300P



- Class 0.5s as per relevant IS and IEC Standards
- 3 Phase 4 Wire
- 4 Quadrant Measurement
- Anti-tamper features
- Self-diagnostic capability
- Bidirectional Energy recording
- Load Survey (Interval Data) features
- Optical port / RS 232 / RS 485 / IR / IrDA / RF (2.4 GHz/865-867 MHz) (optional)

## Specifications

Connection	3 Phase 4 Wire
Standards Applicable	IS 14697 IEC 62052-11 IEC 62053-22 CBIP 325
Accuracy Class	CI 0.5S
Rated Voltage	3 x 240V (P-N)
Voltage Variation	-40% to +20%
Current Rating	-/5A
Starting Current	0.1% of basic current
Accuracy up to	200% of basic current
Frequency	50Hz
Frequency Variation	-5% to +5%
Power Consumption	As per IS 14697
Operating Temperature	-10°C to +55°C
Ingress Protection	IP 51

## Supported parameters (As per customer requirement)

Instantaneous	Phase wise voltages and currents, system PF, active power, reactive power and apparent power Frequency Phase sequence Total harmonic distortion
Energy Measurement	4 quadrant measurement of kWh, kVAh, and kVAh
Maximum Demand	kW and kVA along with date and time
Time of Day	Up to 8 registers, profiles and seasons

## Display

LCD	8 digit backlit display
Display mode	Auto scroll, push button and high resolution modes
LED	Pulse LEDs for kWh and kVAh

## Other Features

	Day wise energies
	Load survey profile
	Tariff wise energies
	Display and data reading in absence of power
	Tamper detection
	Bi-directional energy recording available
Data security	Multi-level password for data reading and programming
Communication	Electrically isolated optical port as per IEC62056-21
Optional communication Interface	RS 232 / RS 485 / IR / IrDA / RF (2.4 GHz/865-867 MHz)
Protocol supported	IEC / DLMS / MODBUS / Customer specific
Tamper proofing provision	Ultrasonic welding available (optional)



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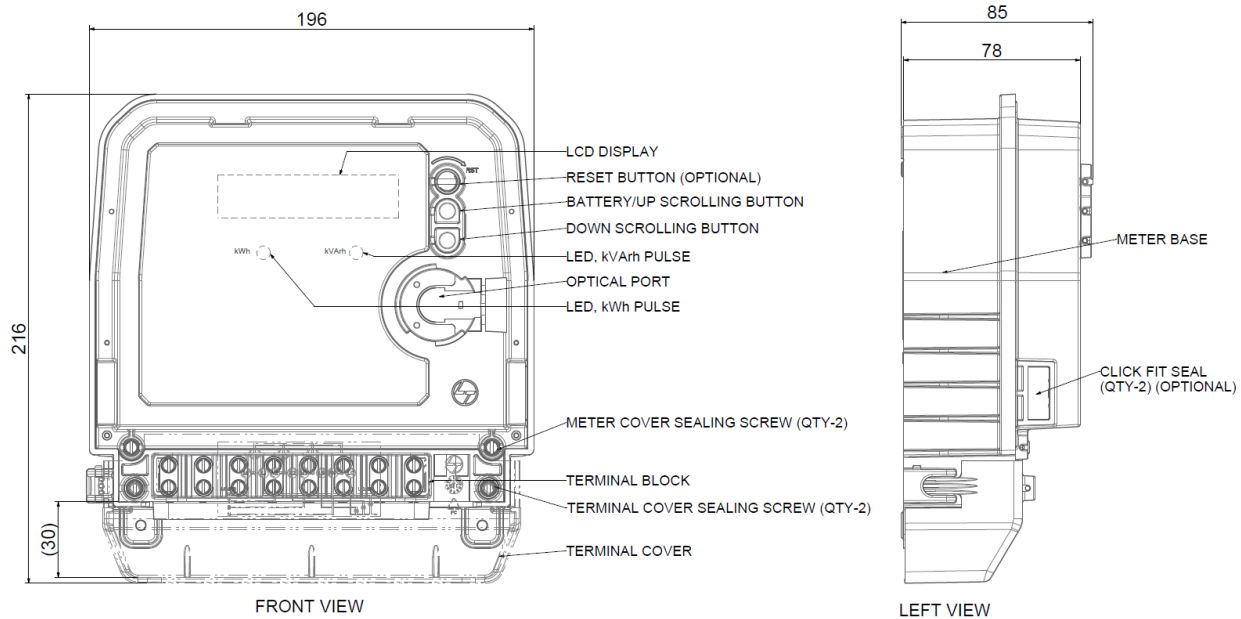
A Unit of **Schneider Electric India Private Limited**

Metering & Protection Systems, Gate No. 1,

KIADB Industrial Area, Hebbal, Mysore - 570018

Tel: 0821-2405000 | Fax: 0821-2402172

Email: [Int-mps@Intebg.com](mailto:Int-mps@Intebg.com) Visit us at [www.Intebg.com](http://www.Intebg.com)



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