



# Premier 300

## Technical specifications

### Electrical

	LT	HT
Connection type	CT-operated	CT/VT-operated
Wiring configuration	3-phase 4-wire	3-phase 3-wire, 3-phase 4-wire
Voltage range	230/240 V (P-N)	110 V (P-P), 63.5 V (P-N)

### Applicable to both LV and HV

Current range	-/5(10) A, -/1(2) A *
Accuracy	Class 0.2S, 0.5S for HT and Class 0.5S for LT
Mains frequency	50 Hz $\pm$ 5%
Burden	As per standards

### Compliance

Standards	IS 14697, IEC 62052-11, IEC 62053-21, IS 15959
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### Mechanical

Dimensions (W x H x D)	191 x 255 x 82 mm (approx.)
Weight	1.8 kg (approx.)
Enclosure	Engineering plastic
Sealing	Provision of sealing on main cover and terminal cover

### Environmental

Ingress protection	IP 51
Temperature	-10 °C to +55 °C (operating) -25 °C to +70 °C (storage)
Humidity	95% non-condensing RH

### Features

Tariff rate registers	Up to 8 rate registers, for two energy channels
Maximum Demand	Up to 2 types, configurable in 8 registers
Load Survey	Up to 90 days load profile for 8 parameters (configurable), with 30 minute integration period.
Communication	Optical port for local communication Optional RS 232 / RS 485 port on RJ-11 for remote communication. Optional RS 485 port on RJ-11 with MODBUS

\* For more details, contact your nearest sales office