



KOHINOOR WC

THREE PHASE FOUR WIRE
ENERGY METER

Kohinoor is a compact and light weight, intelligent three phase four wire energy meter, designed for small commercial and domestic applications. It is available four current range variants with class 1 accuracy. kohinoor provide utilities with powerful revenue protection features as well as data storage and communication facilities.

SALIENT FEATURES

- Microcontroller based digital technology.
- Meter class accuracy is 1.0% & its metrological characteristics under diverse conditions in the field withstood under 0.5 to -0.5 accuracy.
- Precise working & continue power supply metering in harsh electrical and environmental conditions & withstood.
- Very light weight and temper proof.
- Low cost of ownership.
- No mechanical wear and tear.

APPLICATIONS



Residential



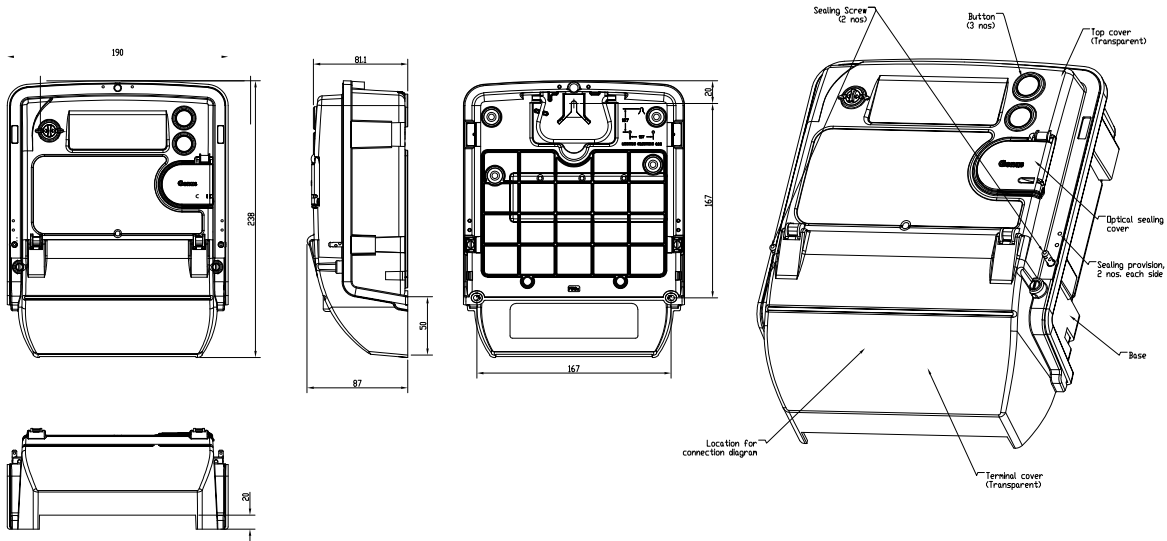
Small Industrial



Commercial
Complexes

TECHNICAL SPECIFICATIONS

CONNECTION TYPE	3 Phase 4 wire Direct connected	LED INDICATORS	High intensity two red LED for calibration/testing(Active & reactive)
STANDARDS	IS 13779, IEC 62052-11, IEC 62053-21 DLMS Indian Companion Standard (Is15959)	COMMUNICATION PORTS	Local Comm- Optical communication /RS-232 port/IRDA Remote com.- RF / Bluetooth with mobile app support
METROLOGY ACCURACY	Class 1.0	COMMUNICATION PROTOCOL	As per IS 15959
RATED VOLTAGE	230/240V, (-40% to +20%)	OPERATING TEMPERATURE RANGE	-10°C to +55°C
RATE CURRENT	5-30A, 10-40A, 10-60A, 20-100, 20-80, 50-100	STORAGE TEMPERATURE RANGE	-25°C to +70°C
STARTING CURRENT	0.2%lb	RELATIVE HUMIDITY	Up to 95% non-condensing
FREQUENCY	50 Hz + 5%	DEGREE OF PROTECTION IP RATING	IP 51, with meter enclosure Ip54
POWER CONSUMPTION	<1.0Watt , <4.0 VA (Voltage circuit) phase wise <1.0 VA (Current circuit) phase wise	WEIGHT	~ 1.240 kg
IMPULSE WITHSTAND	Up to 10 kV	DIMENSION	81X190X238 (HxWxL)
DISPLAY	6 Digit 7 Segment		8 TOD register, 2 Seasons with Active & Passive calendars
TYPE OF INSTALLATION	Indoor	LOAD SURVEY	Up to 90 days , at 30 minutes integration period



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