

An **Energy Meter** is a device used to measure the amount of electricity consumed by a residence or business, Utilities record the values measured by these meters to determine consumption during a specific time period.

Features

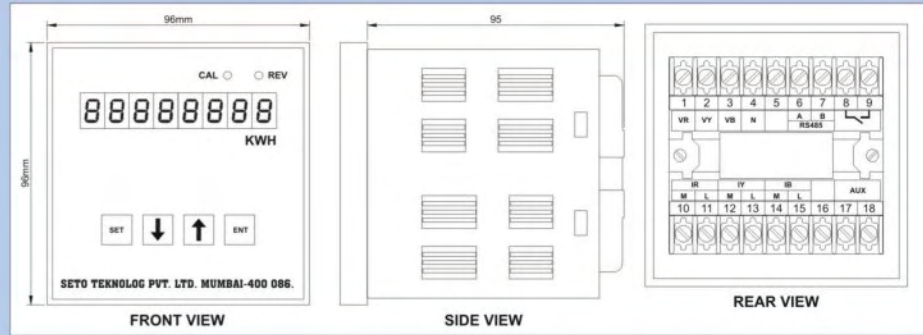
- Input : 0-1 Amp or 0- 5 amps.
415V AC +/- 20% 3-phase line to line
240V AC +/- 20 % phase to neutral
- Aux Supply : 240 V AC +/- 20%
- Display : 7-segment display with 8 digits with no decimal point
- Setting : CT ratio (5-9995 in steps of 5 Amps).
Device Address (1 - 16).
Baud Rate (1200-2400-4800-9600 bps).
- Storage : Non Volatile storage of the Energy value
- Protection : Code word protected.
- Standards : IEC 61036; IS 13779 -99
- Accuracy : Class 1.0
- CT Burden : Less than 0.25 W
- PT Burden : Less than 0.1 W
- Size : 96 x 96 x 95 mm



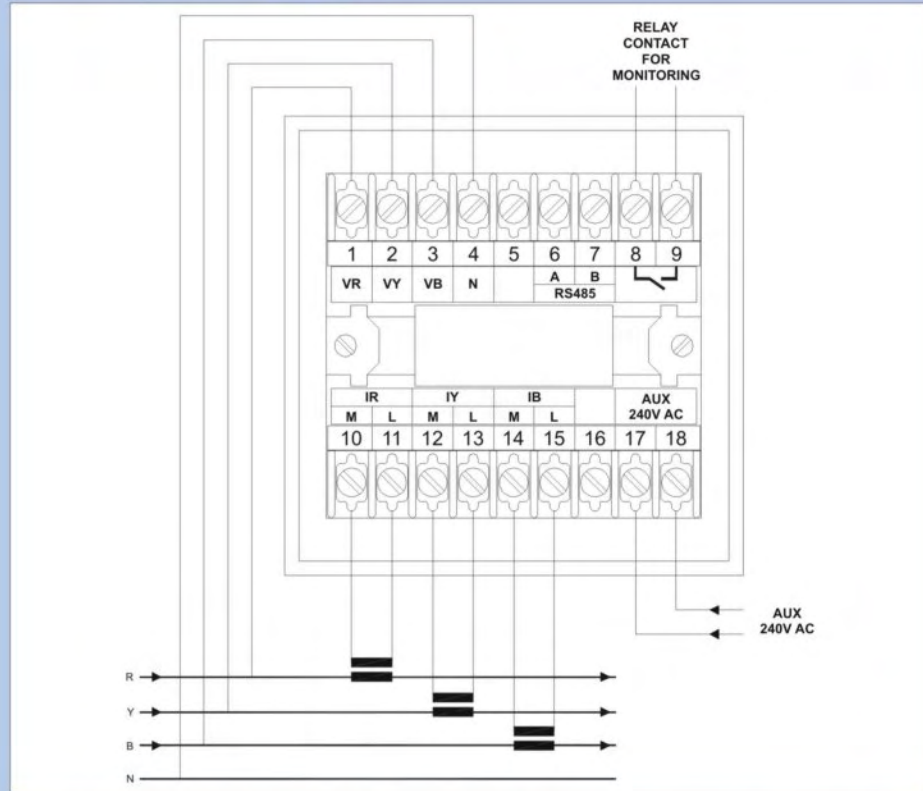
Other Products

- Supervisory Remote Control & Data Acquisition Systems - Total turnkey.
- Remote terminal Units (RTU).
- Micro RTU.
- Microprocessor Based Equipments _ MCB Monitors, Beetle Monitors, Temperature Scanner etc.
- Custom Built Electronic Equipments.
- Digital A.C. Ammeter.
- Digital A.C. Voltmeter.
- Digital Volt, Amp, & Watt Meter - class 0.5/0.2.
- Position Indicating Transducers.
- Static Energy Meters.
- Digital Flow Meters.
- Digital Power Monitor Cum Controllers.

Dimensional Drawing



Connection Diagram



Order details (select the option from below)

EXAMPLE : ACEM1 - B - 232 - 2 - 1A

INPUT SUPPLY	
A	SINGLE PHASE
B	3 PHASE / 3 WIRE
C	3 PHASE / 4 WIRE
COMMUNICATION	
XXX	NO COMMUNICATION
232	RS232
485	RS485
AUX SUPPLY	
1	SELF POWER
2	19V to 90V AC/DC
3	85V to 265V AC/DC
CURRENT	
1A	1A
5A	5A



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