

EKM-15E

120 Volt SINGLE-PHASE DIN-RAIL WATT-HOUR METER

INSTRUCTIONS

- Installation, maintenance and repair should only be performed by a qualified electrician.
- Always work with power OFF when installing or servicing this device.
- Make connections according to the enclosed wiring diagram.
- Check to make sure the AC wires are installed correctly.
- Make sure the protective terminal covers are in place and sealed before connecting power to the device.
- 14mm ID Exrternal CTs (Current Transformers) are included.

Electric characteristics

Voltage: 120V +/-30%
 Current: 5(50)A. Use ONLY with correct current transformer attached.
 Accuracy class: 1.0
 Standard: IEC61036
 Frequency: 50/60Hz
 Impulse constant: 1000imp/kWh
 Display mode: LCD 5+2 = 99999.99kWh
 Counter 5+1 = 99999.9kWh
 Power consumption: $\leq 8VA$ $\leq 0.4W$
 Starting current: 0.004Ib
 Temperature range: -20~65°C。
 Flashing red: 1000impulse indication
 Relative air humidity maximun:
 Average value of year: 75%, short time value: 95%

Impulse connection:

Voltage 12~27V, current $\leq 27mA$, max length of lead:20m
 Impulse width=90ms, connect to terminal 20&21
 Limits of values: max 60VDC, max 50mA

Attention:

Case is sealed, do not open the meter
 No warranty if case is opened

