Series K4000 Three Phase Kilowatt Hour Meter
Series KW4000 Three Phase Kilowatt Hour / kW Demand Meter

Features:
Six Digit kWh LCD Display (no multipliers)
Voltage Per Phase
Amperage Per Phase
kW Per Phase
Remote CT Operated (up to 10,000 Amps)
kWh Pulse (Form A Relay)
RS 485 Modbus Communications (included)
Plug In Terminals for Field Testing
Rate LED Indicates Relay Operation
LCD Display Shows Correct / Incorrect Wiring

Specifications:
NEMA 1 ABS Plastic Enclosure
Temp Range: -10 – 120 Degrees F
Humidity: 95% Non Condensing
Pulse Relay: 120 VAC .5 Amp Resistive
Meter Consumption: 0.2 Amps
Burden: CT Burden 0.6 VA
Isolated CT Circuit
Microprocessor Based – Ram Based – No Batteries

Accuracy:
Power: 0.5%
Energy: 0.2%
ANSI C12.16

Compliance:
Accuracy: ANSI C12.16
FCC: Class A Part 15
UL/CUL/CSA Listed
Michigan Compliant
NYC Approved

Current Transformers:
Includes 3 – LX400 CTs
(+/- 1% between 4 – 400 Amps)
Other Solid Core – Bar Type – Split Cores CTs up to 10,000 Amps Available

Communication Options:
Hard Wired Modbus Data– (up to 255 meters on one 2 wire circuit)
Wireless Modbus RS485 Data
Power Line Carrier
Ethernet Converter (for direct Internet connection through LAN)

Models:
Kilowatt Hour Meters:
K4240 120/208 and 240 VAC 3 or 4 Wire
K4480 277/480 and 480 VAC 3 or 4 Wire

Kilowatt Hour / kW Demand Meters:
KW4240 120/208 and 240 VAC 3 or 4 Wire
KW4480 277/480 and 480 VAC 3 or 4 Wire
(Max / Peak kW value reset with key)

Meter Option:
Green Meter Option Displays…CO2 (LBS) and Total Cost ($) of kWh Consumed

Software:
Reading & Billing (R&B v2.0)
Power Analyzing and Trending (Powerstudio)
Series 4000 Dimensions

6.30” x 1.70” x 3.50”

Typical Wiring Diagram

Hard Wired Communications

On Site PC Connected To NET For Off Site Readings

Up To 255 Meters On One Two Wire Circuit

Software: Reading & Billing V2.0
Powerstudio