

16430S02 - METERING: KWH/ -KW-BUILDING METERING

METER KWH/KW (Power/Demand)

Polyphase - 3-phase

- Delta 3 wire with chassis ground
- Wye 4 wire
- Other

Stators

- 3 stator (most accurate)
- 2.5 stator (more accurate)
- 2 stator (balanced loads)

Mounting

- Socket (outdoor or indoor)
- Socket (bottom conn indoor)
- Flush switchboard type

Voltage

3 wire Delta, 3 phase

- 120 Volt/60 Hz
- 240 Volt/60 Hz
- 480 Volt/60 Hz

4 wire Wye, 3 phase

- 208/120 Volt/60 Hz
- 480/277 Volt/60 Hz

Current Rating

- 2.5 Amp Class 10
- 2.5 Amp Class 20 not swbd.
- 15 Amp Class 100 not swbd.
- 30 Amp Class 200 not swbd.

Number registers - 5

Multiplier - whole number (divisible by 100)

Accuracy - calibrated

CASE

- Socket
- Socket (bottom connected indoor)
- Flush switchboard type with shorting bars

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DEMAND REGISTER Electronic

Input-frictionless optically coupled pulses of kW
Output Display - Liquid crystal display (LCD)

Outputs - Display scroll of:

All 8's segment check
Kilowatt hours
Minimum kW demand
Cumulative or continuous cumulative demand
Number of demand resets
Alternative display scroll of:
All programmed constants

Programming- Field programmable

Pulse initiator - output dry contact Form C, KYZ (10 pulses per second max.) (40 ms closed min 25 ms open min.) Pulse initiator ratio - programmable 01-99. Installer shall wire the KYZ output in 3/4" conduit to a junction box near an available Honeywell Data Gathering Panel (DGP). Contact the UKPPD Energy Management Engineer to determine if this DGP is located in the building or in one of the surrounding buildings.

Current Transformers Primary/Secondary

_____ AMP/5 AMP

Rating Factor 1.25 Indoor MTD @ 30 degree C
 1.50 Indoor MTD @ 30 degree C
 X 3.00 Indoor MTD @ 55 degree C
 2.00 Outdoor MTD @ 30 degree C
 X 3.00 Outdoor MTD @ 55 degree C

CT Accuracy - ANSI 0.3 Class

Acceptable manufacturer(s):

Square D CM3350 Circuit Monitor with CMDVF display.

Installation Note: The maximum mounting height of any display or register on the meter is five (5) feet. No Exceptions!