

16430S01 - METERING: KWH/KW SUBSTATION METERING ONLY

METER KWH/KW (Power/Demand)

Polyphase (3-phase)

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

Stators 3 stator (most accurate 3PT's and 3CT's)
 2.5 stator (less accurate 2PT's and 3CT's)
 2 stator (balanced loads 2PT's and 2CT's)

Note: UK written permission required to install 2.5 or 2 Stator meters.

Mounting Socket (outdoor or indoor)
 Socket (bottom connected indoor)
 Flush switchboard type

Voltage - 120 Volt/60 HZ

Current - Standard 5 Amp

Number registers - 5

Multiplier - whole number (divisible by 100)

Accuracy - calibrated

CASE Socket (indoor or outdoor)
 Socket (bottom connected indoor)
 Flush switchboard type with shorting bars

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
- Maximum kW demand
- Cumulative or continuous cumulative demand
- Number of demand resets
- Alternative display scroll of:
- All programmed constants

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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
 _ 2.00 Outdoor MTD @ 55 degree C
 _ 3.00 Outdoor MTD @ 55 degree C

Accuracy - ANSI 0.3 Class

Potential Transformers Primary/Secondary

__ 12,470 Volt / 120 Volt
__ _____ Volt / 120 Volt
__ 1:1 no x-fmr required
X 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!