

WATTHOUR TRANSDUCERS

WATTHOUR METER WITH INTEGRATED CT

MODEL SWH

FEATURES

- Easy to install split core design
- LED indications of proper installation/operation
- Form A solid state contact closure pulse output
- Single phase watt hour transducer with integrated current transformer

VOLTS	AMPS	CATALOG NUMBER
115	0-100	SWH-1100
	0-200	SWH-1200
	0-400	SWH-1400
208/230	0-100	SWH-2100
	0-200	SWH-2200
277*	0-100	SWH-3100
	0-200	SWH-3200

*Not UL Listed

APPLICATIONS

- Energy Allocations
- Sub Metering
- Process Control



ORDERING INFORMATION

Example: 100Aac input
for use on 208Vac 3-Phase 4-Wire
SWH-2100

MODEL SWH SPECIFICATIONS

INPUT

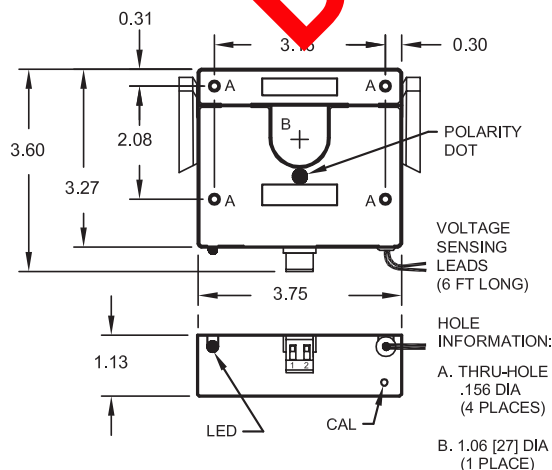
Voltage..... See Table
Current..... See Table
Frequency Range..... 48 - 62Hz
Power Factor..... Any
Burden
Voltage..... 0.2 VA
Overload
Voltage..... 120% of Nominal
Current..... 125% of F.S.
Dielectric Test..... (Input/Output)..... 2250Vac
Instrument Power..... Self-powered

Consult Factory for Custom Pulse Rates

OUTPUT

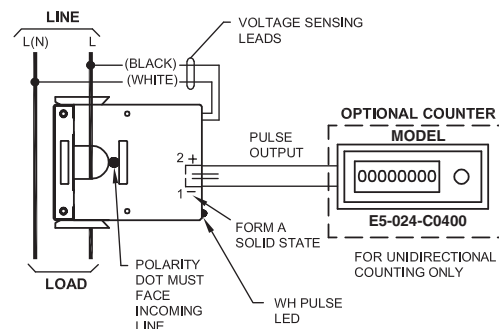
LED..... Energy Rate and Direction Indicator
Green = Forward Power
Red = Reverse Power
Blinks at same rate as WH pulse
WH Pulse..... Type..... Form A, Solid State Contact
30V peak, 100mA max.
Scaling..... 10Wh per pulse
Duration..... 200ms
Forward Power..... Normally open with contact closing
Reverse Power..... Normally closed with contact opening
Accuracy..... $\pm 1.0\%$ F.S.
Temperature Effect..... (-20°C to +65°C)..... $\pm 1.0\%$ F.S.
Weight..... 1.0 Lb.

CASE DIMENSIONS



All Dimensions In Inches

CONNECTION DIAGRAMS



WATTHOUR TRANSDUCERS

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