

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 watthour transducer with integrated current transformer

APPLICATIONS

- Energy Allocations
- Sub Metering
- Process Control



Model SWH

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

ORDERING INFORMATION

Example: 100Aac input
for use on 208Vac L-N Voltage
SWH-2100

MODEL SWH SPECIFICATIONS

INPUT

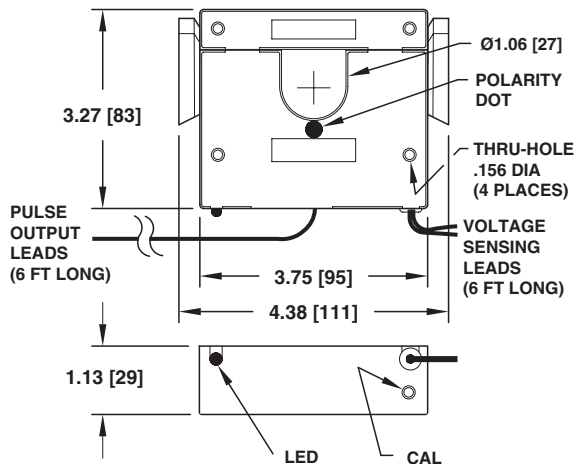
Voltage See Table
 Current See Table
 Frequency Range 48 - 62Hz
 Power Factor Any
 Burden
 Voltage <0.2VA
 Overload
 Voltage 120% of Nominal
 Current 125% of F.S.
 Dielectric Test (Input/Output) 2250Vac
 Instrument Power Self-powered

Consult Factory for Custom Pulse Rates

OUTPUT

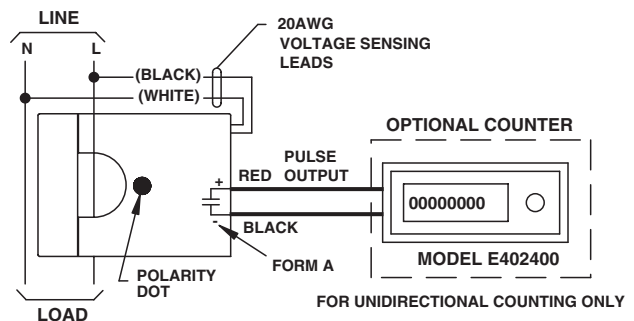
LED Energy Rate and Direction Indicator
 Green = Forward Power
 Red = Reverse Power
 Blinks at same rate as WH pulse
 WH Pulse Type Form A, Solid State Contact
 30V pk, 100mA max.
 Scaling 10WH per pulse
 Duration 200 milliseconds
 Forward Power Normally open with contact closing
 Reverse Power. Normally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

CASE DIMENSIONS



All Dimensions In Inches

CONNECTION DIAGRAMS



WATT HOUR TRANSDUCERS

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