

OSI SINGLE-PHASE AC WATTHOUR TRANSDUCER/TRANSFORMER MODEL SWH-

SPLIT-CORE

DESCRIPTION

The model SWH is a single-phase bidirectional Watthour transducer with current transformer. The model SWH has a Form A solid-state relay pulse output.

5 YEAR WARRANTY



Measuring Equipment 7N93

AC VOLTS	AC AMPS (through window)	MODEL
115	0-100	SWH-1100
	0-200	SWH-1200
	0-400	SWH-1400
230*	0-100	SWH-2100
	0-200	SWH-2200
277**	0-100	SWH-3100
	0-200	SWH-3200

* May also be used for 208V and 240V applications.

** Not UL listed.

FEATURES

- Easy-to-install split-core design
- LED indications of proper installation/operation

APPLICATIONS

- Energy Allocations
- Sub Metering
- Revenue Metering
- Process Control



ORDERING INFORMATION

Example: 100Aac Input For Use On 230Vac L-N Voltage
SWH-2100

SPECIFICATIONS

INPUT

Voltage See Table
 Current (through window) 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

Standard Self-powered

Consult Factory for Custom Pulse Rates

OUTPUT

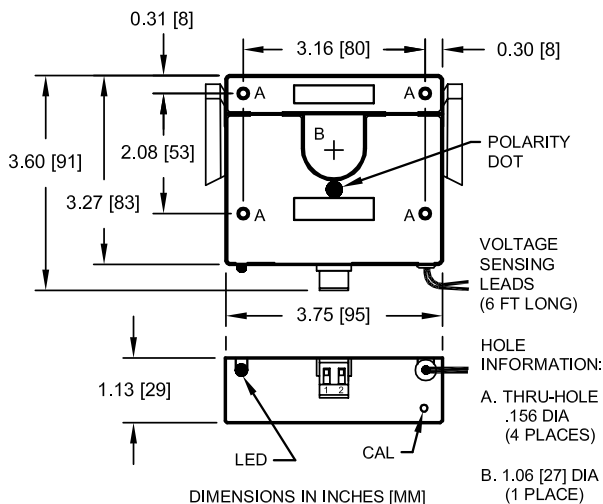
LED Energy Rate and Direction Indicator
 Green = Forward Power
 Red = Reverse Power
 Blinks at same rate as Wh pulse
 Wh Pulse
 Type.... Form A, Solid-State Relay, 30Vpk, 100mA max.
 Scaling..... 10Wh per pulse
 Consult Factory for Custom Pulse Rates
 Closure Duration 200ms
 Forward Power Normally Open with contact closing
 Reverse Power.. Normally Closed with contact opening

ACCURACY ±1.0% F.S.

TEMPERATURE & PHYSICAL

Temperature Effect (-20°C to 65°C) ±1.0% F.S.
 Weight..... 1.0 lb

DIMENSIONS



CONNECTIONS

