

WATTHOUR METER WITH INTEGRATED CT

MeterCT

DESCRIPTION

The MeterCT is a single phase watthour transducer with integrated current transformer. The MeterCT uses an RS-485 serial communications protocol for transmitting measurements. Multiple units can be used in a daisy chain configuration for monitoring multiple points.

FEATURES

- Easy to install split core design
- LED indications of proper installation/operation
- Test mode
- Communications designed for multi point applications

APPLICATIONS

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

VOLTAGE Vac RMS	CURRENT Aac RMS	MODEL
150	100	MC-1100
	200	MC-1200
	400	MC-1400
300	100	MC-2100
	200	MC-2200
	400	MC-2400
600	100	MC-3100
	200	MC-3200
	400	MC-3400

ORDERING INFORMATION

Example: 200A ac. input for use on
277Vac L-N Voltage
MC-2200

SPECIFICATIONS

INPUT

CURRENT: 0 to 125% rated
BURDEN: VA < .1 (100A), .4 (200A), 1.6 (400A)
VOLTAGE: ± 10% rated
BURDEN: VA < .1 (150V), .2 (300V), .4 (600V)
POWER FACTOR: ANY
FREQUENCY: 48 to 62Hz
INSTRUMENT POWER : 9Vdc ± 20% @ 60mA

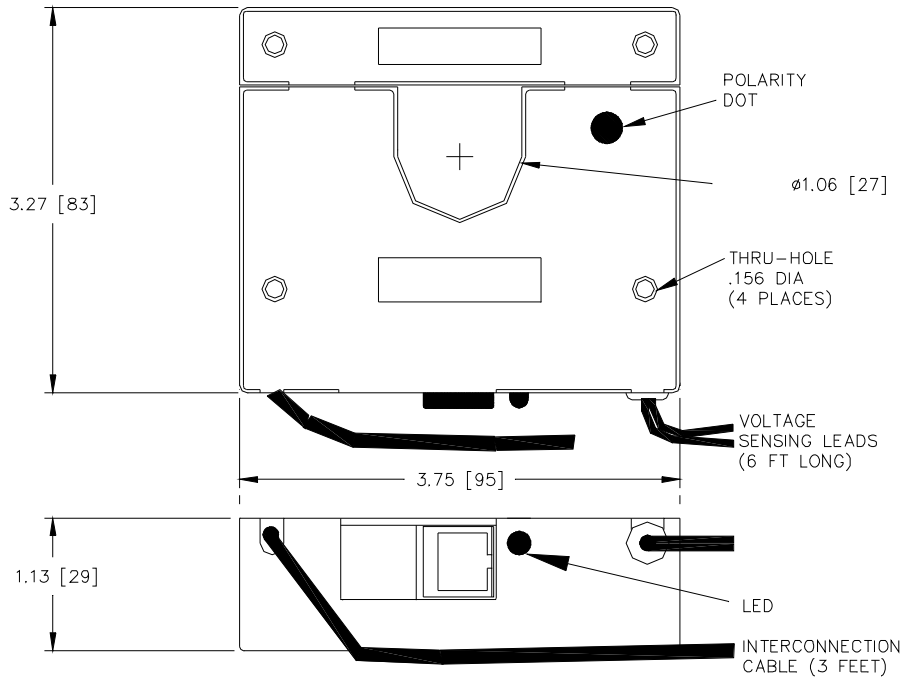
OUTPUT

LED energy rate & direction indicator
RS-485 Serial Communication 1/4 Load
See MeterCT Communications
PULSE: 5 wh pulse for testing
RS-485 A&B lines 200 ms
ACCURACY: 0.25% R.O.
ISOLATION: (current/potential/output) 1800Vac
TEMPERATURE: -20 to 70 °C

CASE DIMENSIONS AND CONNECTION DIAGRAM ON BACK

WATTHOUR METER WITH INTEGRATED CT

DIMENSIONS IN INCHES[MM]



TEST CONNECTION DIAGRAM

