

**INTEGRATED METERING SYSTEMS, INC.**



Outdoor Model (R Suffix)



Made in USA



Indoor Model



**Integrated Metering Systems, Inc.**

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# Series 1000

## 2 Phase, 3 Wire, Submeters

### Features

**Measures** kWh & Demand (optional). These meters conform to all applicable standards of ANSI C12.1 and ANSI C12.20 (0.5) Codes for Electricity Metering.

**Equipped** with an RS-485 serial data port for automated meter reading.

**Utilizes** revenue grade 0.3 accuracy class 0.1A secondary solid core current transformers (CTs) that conform to all applicable ANSI requirements or 1% accuracy split-core CTs. Up to 3 sets of CTs per phase can be paralleled.

Model	Phases	Wires	Voltage	Current Ratings
BL3208X00	2	3	120/208/240V	100A-800A
BL3480X00	2	3	277/480V	100A-800A

All models have the option of indoor or outdoor and packages can be ordered with solid or split core CT's \*

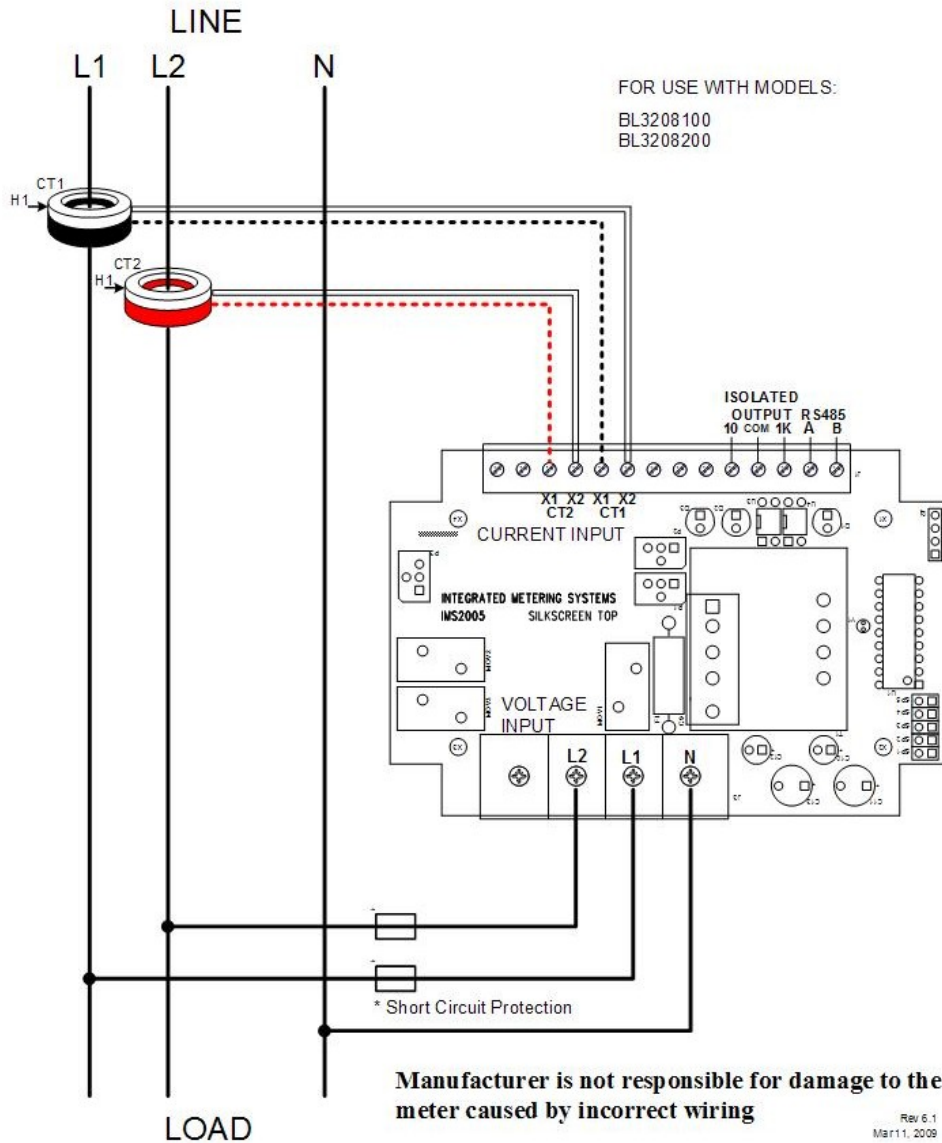
Ten-Year Warranty

Metering Excellence Since 1989



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## Dual Element, Series 1000 Hookup Diagram



IMS recommends solid core transformers (CT's) for revenue grade billing. Our 100A & 200A color coded CT's (to the right) assist with correct installation by indicating phase monitored. Split core CT's (to the right) are also available upon request for applications where power cannot interrupted during installation. Our 100A, 200A, and 400A split core models offer a 1% accuracy. All IMS 100A and 200A solid core and 100A, 200A, 400A split core CT's have built in open circuit protection which prevents high voltage from appearing on secondary leads if wires become disconnected while CT is under load.

*Technical Specification*







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Dual Element, Series 1000 Model Numbers and UPC List

Model	Phases	# Wires	Voltage	Current Rating	CT Type	Environment	UPC
S1240N010101100	2	3	120/240/208	100	Solid core	Indoor	 8 37654 74601 1
S1240R010101100	2	3	120/240/208	100	Solid core	Outdoor	 8 37654 74620 2
S1240N010102100	2	3	120/240/208	200	Solid core	Indoor	 8 37654 74603 5
S1240R010102100	2	3	120/240/208	200	Solid core	Outdoor	 8 37654 74620 2
S1480N010102100	2	3	277/2480	200	Solid core	Indoor	 8 37654 74606 6
S1480R010102100	2	3	277/480	200	Solid Core	Outdoor	 8 37654 74625 7



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Dual Element, Series 1000 Model Numbers and UPC List

Model	Phases	# Wires	Voltage	Current Rating	CT Type	Environment	UPC
S1240N010101100	2	3	120/240/208	100	Split core	Indoor	 8 37654 74639 4
S1240R010101100	2	3	120/240/208	100	Split core	Outdoor	 8 37654 74658 5
S1240N010102100	2	3	120/240/208	200	Split core	Indoor	 8 37654 74641 7
S1240R010102100	2	3	120/240/208	200	Split core	Outdoor	 8 37654 74660 8
S1480N010102100	2	3	277/2480	200	Split core	Indoor	 8 37654 74644 8
S1480R010102100	2	3	277/480	200	Split Core	Outdoor	 8 37654 74663 9