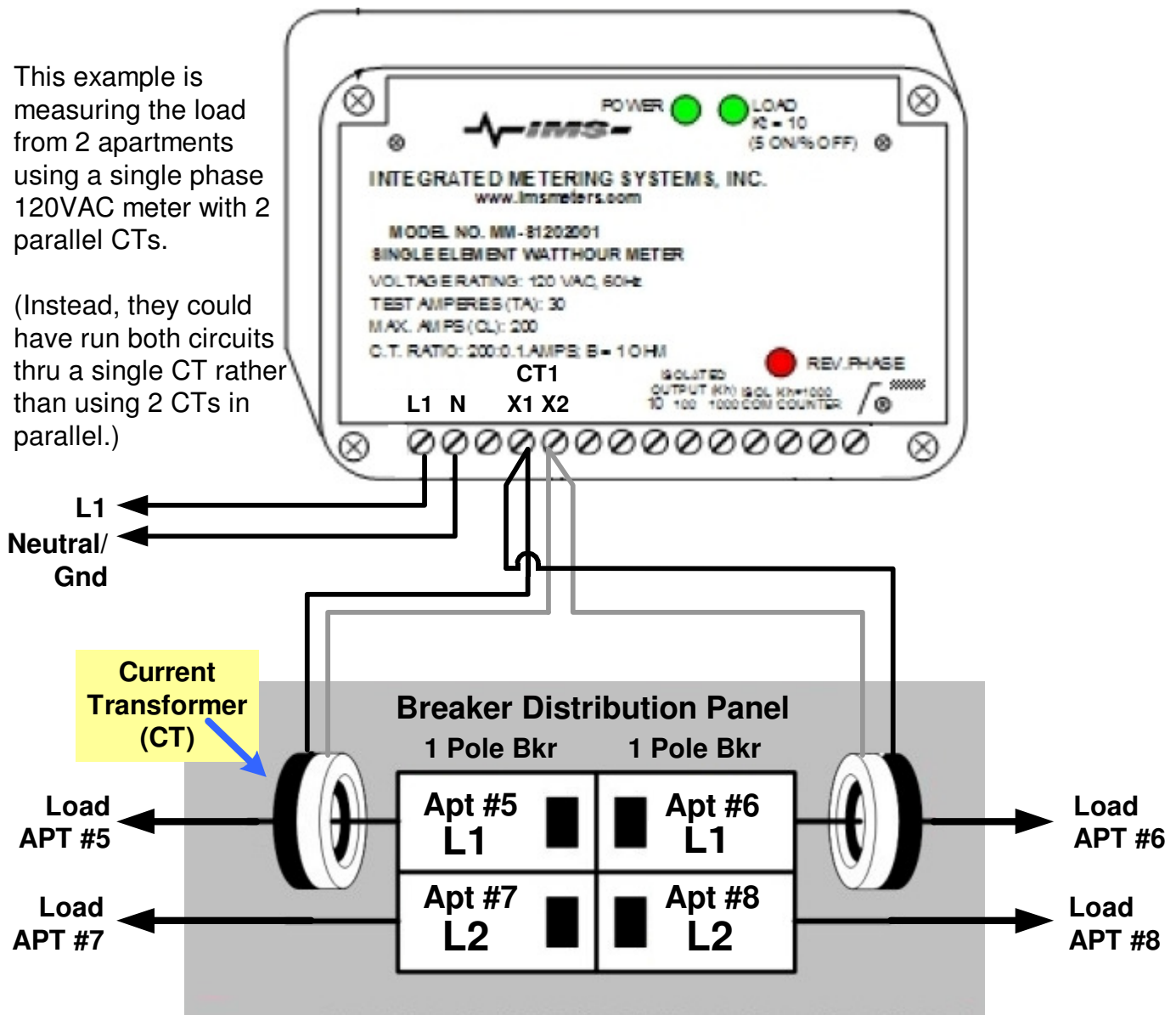


Measuring more than 1 circuit with a single meter

This example is measuring the load from 2 apartments using a single phase 120VAC meter with 2 parallel CTs.

(Instead, they could have run both circuits thru a single CT rather than using 2 CTs in parallel.)



Notes:

1. Up to 3 CTs may be wired in parallel (per phase) to measure up to the 3 circuits with 1 meter.
2. All parallel CTs MUST be the same current rating and the CT current rating must be higher than ALL parallel circuits added together. For example if you have two 60A circuits in parallel then you will need 200A CTs.
3. Multiple circuits of the same phase may be run thru a single CT (not shown here.) Be sure the CTs are all rated the same and each is rated higher than the current rating of all circuits added together.
4. Multiple circuits may be measured with 2 and 3 phase meters using the same technique. Just be sure parallel CTs are from the same phase.



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Description:

Measuring Multiple Circuits with 1 meter

File:

MultipleCircuits_IMS.pdf

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