

## Byram Laboratories Inc.

### BYCORE Split-Core Current Transformers Installation Notes

1. Installation of Byram Laboratories BYCORE Split-Core CT's should only be performed by a qualified electrical contractor or technician. Note Byram Laboratories warning label on the Split-Core CT.



2. Verify that the primary circuit current rating in Amps (100A, 200A, 400A) where the CT will be installed matches the BYCORE Split Core current transformer. Review that the conductor size will fit in the opening of the BYCORE CT. Review the space available for installation of the BYCORE CT.
3. **Primary circuit needs to be de-energized prior to installation of a BYCORE Split-Core CT, or LETHAL voltages may be present across the secondary leads of the BYCORE CT.** If it is difficult to schedule de-energizing the electrical service, it is highly recommended that a meter test switch be installed for any future maintenance that may need to occur.
4. Note the direction of current flow from source to load consuming equipment. The BYCORE CT needs to be installed with the current flow in the proper direction.
5. Using the polarity markings on the CT, connect the white (X1) and black (X2) secondary wires to the shorting block, metering device, or metering test switch.



6. **WARNING: The secondary lead wires either should be shorted together or securely connected to the metering device or meter test switch prior to energizing the primary circuit.**
7. Optional: Insert a wire seal into the locking hole of the split-core CT
8. Re-energize the electrical service.