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### Comparison of Ritz ERCT to Optical CT

When comparing the ERCT to the optical solution available from some other manufacturers, you realize the following advantages:

- 0.15% accuracy class ranging from 1A to 4000A primary current to 0.25A to 750A in three standard designs
- No concerns regarding accuracy drift over temperature change
- Allows for the use of conventional meters without the need for amplifiers or other electronic manipulation of the signal
- No spares parts are required throughout the life of the unit
- Uses conventional wiring, i.e. no fiber-optic cable and associated costs
- Utilizes a general design which has been in-service over 30 years, incorporating the Ritz ‘explosion-proof’ design
- With the ERCT a customer can standardize on one standard CT design and incorporate it into any new or existing installation, without concern towards existing wiring, metering scheme, etc... One design/ratio can be used for almost any application.
- ERCT can incorporate multiple metering or relaying accuracy cores, as with the standard OSKF design
- Very high short-time current withstand levels (standard design is 120 kA – 1 second, with higher ratings available)
- Competitive pricing and lead-times