

Combined Transformer Advantages

The combined transformer is a unit that consists of a current transformer and an inductive voltage transformer built as a single unit with a common insulator body. The advantage of using them instead of discrete current transformers and inductive voltage transformers can be measured by a substantial reduction in total cost.

Some of the advantages of combined transformers compared with separate current and inductive voltage transformers are the following:

Price advantage: Compared to the cost of two separate units the combined CT/VT provides a very cost efficient option for your instrument transformers needs.

Saving on space: There is a saving on foundation space. A combined transformer needs only one foundation space compared to a separate current and inductive voltage transformers.

Saving on installation: There are cost savings on mounting base and labor for the installation of a combined transformer than for separate current and inductive voltage transformers.

Saving with the primary terminal: Saving on materials and labor with the primary connection compared to a separate current and inductive transformers.

Simplification of the secondary wiring: The secondary wiring of a combined transformer can simplify the labor and time compared to a separate current and inductive voltage transformers.

Keeping a spare: With our combined transformers, you have in one unit both a spare current transformer and inductive voltage transformer, and of course, you can utilize both functions at the same time.

Saving on transport: The transportation cost is less for the combined transformer as compared to a separate current and inductive voltage transformer.

Saving on maintenance: With Ritz's maintenance free designs, the only recommended maintenance is the standard cleaning of the porcelain. By utilizing combined transformers the cleaning time is reduced by half.