

AUXILIARY INSTRUMENT TRANSFORMER

AUXILIARY VOLTAGE TRANSFORMER

Model PTS-34



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250 x 250 x 245(H), 11kg

In comparison test of instrument transformer, the nominal ratio of the standard transformer to a transformer under test must be same. In case of that the nominal ratio is different, Auxiliary Instrument Transformer model PTS-34 is used in combination with the standard transformer to compensate the difference of ratio.

One autotransformer with four separate windings No.1, No.2, No.3 and No.4 is incorporated. Each coil winding covers the following range.

- No.1 0-150V in 10V steps(Taps for 10V and 20V not equipped)
- No.2 0-10V in 1V steps
- No.3 0-1V in 0.1V steps
- No.4 0-0.1V in 0.01V steps

So the autotransformer can cover the voltage in the range from 0 to 161.1V with 0.01V step.

When the nominal ratio is different each other, Model PTS-34 is connected at the secondary of the standard voltage transformer, and it makes both voltages of standard transformer and transformer under test same in nominal by selecting the suitable voltages on Auxiliary Instrument Transformer.

Rating of model PTS-34

Voltage	Max. 161.1V in 0.01V step
Burden*	less than 6VA
Accuracy	0.1 class
Frequency	50/60Hz

*Total burden of PTS-34 for standard transformer



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