

TechNote Transformer model has been modified

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Transformer model

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The Transformer model has been modified. A Property named "%Rs" has been added that will allow you to enter the %R for each winding as an array. This is to make it more consistent with other properties like kva/kvas, kv/kvs, conn/conns, etc.

Note you can also specify the %R for the first 2 windings by using the %loadloss property. This is quite convenient for 2-winding transformers commonly encountered.

Equivalent definitions:

```
Edit Transformer.T1
~ Wdg=1 %R=.1
~ Wdg=2 %R=.1
```

```
Edit Transformer.T1 %Rs=[0.1 0.1]
```

```
Edit Transformer.T1 %loadloss=0.2
```

Other related issues:

When you specify the kVA rating of Winding 1, all other winding kVAs are set to the same value by default.

When you specify the kVA rating either winding of a 2-winding transformer, the other winding is set to the same value.

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