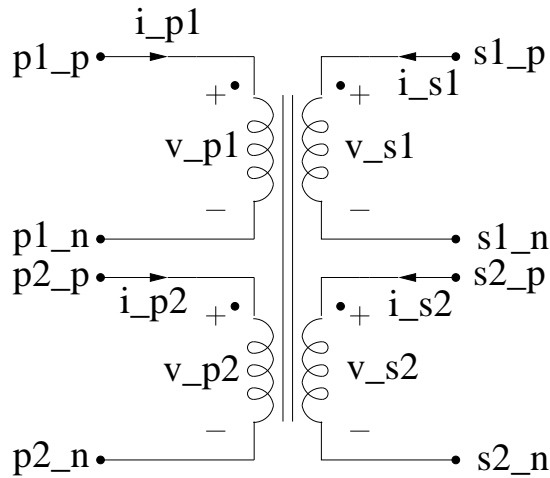


xfmr_level0_1ph_2_2.ece



Attributes

```

mainnodes:
+   p1_p p1_n
+   p2_p p2_n
+   s1_p s1_n
+   s2_p s2_n
outvar:
+   v_p1=v_a1_of_x0
+   v_p2=v_a2_of_x0
+   v_s1=v_a3_of_x0
+   v_s2=v_a4_of_x0
+   i_p1=cur(a1_p)_of_x0
+   i_p2=cur(a2_p)_of_x0
+   i_s1=cur(a3_p)_of_x0
+   i_s2=cur(a4_p)_of_x0
rparms:
+   p1_turns=1
+   p2_turns=1
+   s1_turns=1
+   s2_turns=1

```

Description

xfmr_level0_1ph_2_2.ece is a transformer with two primary and two secondary windings (see figure). The model includes ideal transformer equations. **p1_**xxx, **p2_**xxx, **s1_**xxx, **s2_**xxx are used to denote node and parameter names on the primary (**p1** and **p2**) and secondary (**s1** and **s2**) sides. Currents and voltages shown in the figure are made available as output variables.

As with other transformer elements, the user should make sure that there is a “dummy” connection between the secondary sides and the primary side so that all node voltages get defined with respect to the same reference node (see comments in the help file for `xfmr_level0_1ph.ece`, for example).

AC behaviour is not implemented.