

## s\_xfmr\_level0\_3ph\_y\_d (subcircuit)

### Attributes

```
inputs:
outputs:
e_left_nodes: p_a p_b p_c p_n0
e_right_nodes: s_a s_b s_c
e_top_nodes:
e_bottom_nodes:
b_left_nodes:
b_right_nodes:
b_top_nodes:
b_bottom_nodes:
parameters:
  p_turns: 1
  r_small: 1m
  s_turns: 1
```

### Description

s\_xfmr\_level0\_3ph\_y\_d is a 3-phase transformer model in which three ideal transformers (see the documentation for xfmr\_level0\_1ph.ebe) are connected in the Y- $\Delta$  configuration. The model parameters p\_turns and s\_turns specify the number of turns on the primary and secondary sides, respectively.