s_indmc_2 (subcircuit)

Attributes

```
inputs: va vb vc tl
outputs: wrm ia ib ic
e_left_nodes:
e_right_nodes:
e_top_nodes:
e_bottom_nodes:
parameters:
  j: 0.089
  llr: 0.002
  lls: 0.002
  lm: 0.693
  poles: 4
  rr: 0.816
  rs: 0.435
```

Description

s_indmc_2 is an induction machine model. It incorporates the same equations as the subcircuits s_indmc and s_indmc_1. In addition to va, vb, vc, tl, wrm ports, s_indmc_2 has ia, ib, ic (the motor currents) as additional ports. This feature is useful if the user wants to use the currents for controlling the motor, for example.