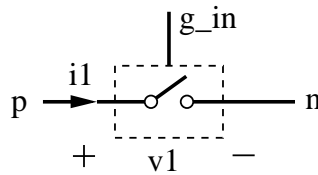


switch_g2.ece



Attributes

```
mainnodes: p n
outvar: i1=cur(p)_of_s1 v1=v1_of_s1
main_var: g_in
rparms: ron=1m roff=1M g_high=1.0
```

Description

`switch_g2.ece` is a switch which behaves like a resistance R_{on} when closed and R_{off} when open. The polarity of the general variable `g_in` determines if the switch is open or closed. If `g_in` is positive, the switch is closed; else, it is open. The values of R_{on} and R_{off} are specified by the real parameters `ron` and `roff`, respectively.

The branch voltage `v1` and the branch current `i1` are made available as output variables.

AC behaviour is not implemented.