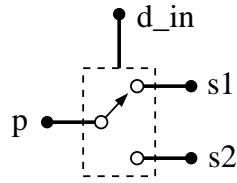


spdt1.ece



Attributes

```
mainnodes: p s1 s2
digital_nodes: d_in
rparms:
+   r_on=0.1m
+   r_off=1M
```

Description

spdt1.ece is a single-pole double-throw switch, controlled by the digital variable **d_in**. The state of the switch is:

$$\begin{aligned} d_{\text{in}} = 1 & \quad \text{p and s1 are connected,} \\ d_{\text{in}} = 0 & \quad \text{p and s2 are connected.} \end{aligned}$$

The switch is modeled with on and off resistances, **r_on** and **r_off**, respectively.

AC behaviour is not implemented.