


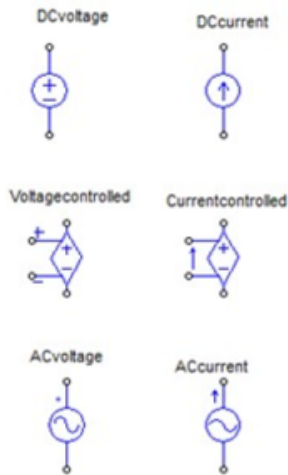
PSIM

 Note: NI Multisim, Powersim PSIM, and Plexim PLECS Blockset support has been temporarily dropped as of version 1.7.0. Please contact [OPAL-RT Technical Support](#) for more information.

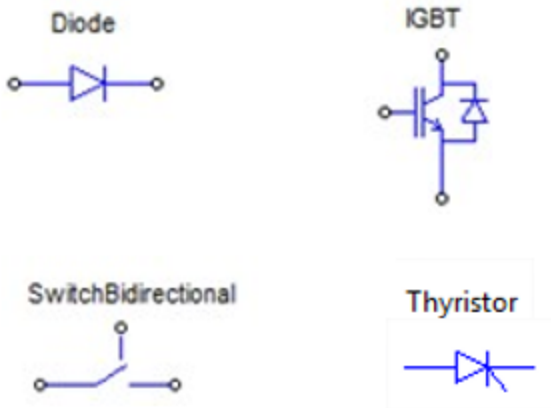
PSIM uses a strong algorithm dedicated to electrical circuits (piecewise method, generic models and a fixed time-step). It can be used by the Add-On only as a circuit description environment. The PSIM simulation engine can also be used to validate the results of the simulation in a offline mode.

The circuit must be designed using a special subset of blocks found in the PSIM libraries. The following blocks are supported:

- Sources



- Switches



- Measurements

Voltmeter



Voltmeter



Ammeter



- Passive Components

Resistor



Coupled Inductor



Inductor



Capacitor



- Ground



- Transformer

Ideal Transformer

