

## s\_voltmeter\_3ph\_line\_1A (subcircuit)

### Attributes

```
inputs:  
outputs:  
e_left_nodes: a b c  
e_right_nodes:  
e_top_nodes:  
e_bottom_nodes:  
b_left_nodes:  
b_right_nodes: v_line  
b_top_nodes:  
b_bottom_nodes:  
parameters:
```

### Description

s\_voltmeter\_3ph\_line\_1A is used for measuring line-to-line voltages in a 3-phase circuit. The voltages are made available in the form of output variables v\_ab, v\_bc, v\_ca. Furthermore, they are also brought out as a flow-graph bus port.