

line_to_phase.gce

Attributes

mainvars: vab vbc vca van vbn vcn

Description

line_to_phase.gce employs the following equations to relate the general variables **vab**, **vbc**, **vca** to **van**, **vbn**, **vcn**.

$$\begin{aligned}v_{an} &= \frac{\sqrt{3}}{2}(v_{ab} - v_{ca}), \\v_{bn} &= \frac{\sqrt{3}}{2}(v_{bc} - v_{ab}), \\v_{cn} &= \frac{\sqrt{3}}{2}(v_{ca} - v_{bc}).\end{aligned}$$

AC behaviour is not implemented.