

line_to_phase.xce

Attributes

main_vars: vab vbc vca van vbn vcn

Description

line_to_phase.xce employs the following equations to relate the 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.