

rms_3ph_1.xce

Attributes

mainvars: a b c v_rms

Description

rms_3ph_1.xce is used to compute the rms value in a 3-phase circuit by

$$v_{\text{rms}} = \sqrt{a^2 + b^2 + c^2},$$

where **a**, **b**, **c** are the instantaneous amplitudes of the three phases. Note that the equation should be used only when the above definition is expected to hold. It should not be used, for example, for an unbalanced situation.

AC behaviour is not implemented.