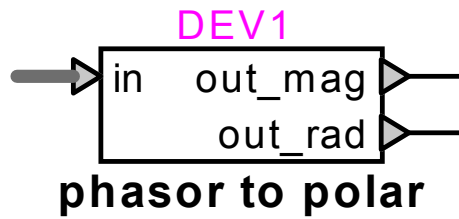


Phasor operation : phasor to polar



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1 Description

This device splits a 2-signal phasor bundle into its individual signals of magnitude and angle.

1.1 Pins

This device has three pins:

<i>pin</i>	<i>type</i>	<i>description</i>	<i>units</i>
in	2-signal bundle	magnitude	any
		angle	rad
out_mag	input pin	magnitude	same as in_mag
out_rad	input pin	angle	rad

1.2 Parameters

No parameters are required for this device.

1.3 Input

The input pins may be connected to any 2-signal bundle.

The input is a 2-signal bundle of the polar coordinates of a phasor.

The phasor magnitude is the peak amplitude, not the RMS value. The phasor angle is expressed in radians.

1.4 Output

The outputs are the polar coordinates of the phasor used as input.

The conversion from phasor to polar is immediate.

The phasor magnitude is the peak amplitude, not the RMS value. The phasor angle is expressed in radians.