

**Concept Question 7-14:** What is the difference between a relative phasor diagram and an absolute phasor diagram?

In a relative phasor diagram, a current or voltage is selected as a reference and assigned a phase angle of zero, and then the phases of all other currents and voltages in the circuits are defined relative to the phase of the reference current or voltage. In contrast, in an absolute phasor diagram, the phases of all currents and voltages are absolute, not relative to any reference.