

Model 610 and 650 Current Shunts



The Model 610 and 650 Current Shunts are specifically designed to operate with the Model 6000A Precision Phase Meter. These shunts are frequency tuned to have negligible phase shift (less than $\pm 5\text{m}^\circ$) at 50/60Hz making them ideal for line frequency applications. They can also be idealized for other frequencies as specified by the user. Consult factory for details.

Specifications

Model	Current Range	Frequency	Phase Shift
610	1A to 10A	5Hz to 1kHz 1kHz to 100kHz	Less than 5m° $5\text{m}^\circ + 50\text{m}^\circ(f_{\text{kHz}} - 1)$
650	10A to 50A	5Hz to 100Hz 100Hz to 500Hz 500Hz to 1kHz	Less than 5m° Less than 10m° 50m°