**General Formula List**

Total resistance in a DC series circuit

Total resistance in a DC parallel circuit

Total current in a DC circuit

Total power in a DC circuit

Time constant for a DC RC network

Terminal voltage for a DC RC network

Time constant for a DC RL network

Terminal voltage for a DC RL network

Total impedance for an AC series network

Total impedance for an AC parallel network

Inductive Reactance

Capacitive Reactance

Total Admittance

Total Current in an AC network

Total active power in an AC network