

# Chapter-5

## (Current Limiting Reactors)

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- **Definition Current-limiting reactors :**

Current-limiting reactors are series inductors intended to reduce the short circuit currents passing thru the circuit breaker in the power system. A higher voltage is developed across the CLR when the current thru the CLR increases.

## What are the types of current limiting reactor?

- Classification of Reactors. There are three types of reactors: (1) generator reactors, (2) feeder reactors, and (3) bus bar reactors. The above classification is based on the location of the reactors. Reactors may be connected in series with the generator in series with each feeder or to the bus bars.