



## Circuit Breakers

### Thermal Magnetic Circuit Breakers Products

Siemens Thermal Magnetic Breakers provide three primary functions: 1) on-off switching, 2) over-current protection, and 3) short-circuit protection. The over-current protection is provided by a thermal trip element within the breaker. The short-circuit protection is provided by a magnetic trip element within the breaker. For easy review of the common types of thermal magnetic breakers, the products are divided into four categories: Type QP, Type QT, Type QD and Main Breakers.

#### Type QP 1" Circuit Breakers



Siemens QP breakers provide easy plug-in connections in Siemens enclosures and the time saving Insta-Wire feature. Siemens offers three AIC ratings for these breakers: QP @ 10K AIC, QPH @ 22K AIC, and HQP @ 65 K AIC. There are also 4 available constructions to choose from:

- 1 Pole 120V
- 2 Pole 120/240V
- 2 Pole 240V
- 3 Pole 240V

#### Type QT Duplex Circuit Breakers



Siemens QT breakers provide space savings inside the enclosure by delivering two 1/2" breakers in 1" of space. These breakers also have plug-in connections in Siemens enclosures. There are 3 available constructions to choose from:

- 1 Pole 120V Duplex
- 2 Pole 120/240V Triplex
- 2 Pole 120/240V Quadplex

#### Type QD 3/4" Circuit Breakers



Siemens QD breakers are a UL listed breaker which utilize the 3/4" format. All QD breakers have 10K AIC rating. Two QD options are available:

- 1 Pole 120V
- 2 Pole 120/240V

#### Main Circuit Breakers



Siemens offers several plug-in and bolt-on circuit breakers suitable for use as a main breaker in Siemens load centers, meter combos, and metering products.

- **Type QN** - Requires 4 panel spaces and available from 150A to 200A.
- **MBK** - Bolt-on main breaker kits, available from 100A to 225A.
- **Type QPP** - For use with modular and Uni-Pak metering. Available from 125A to 225A.