

**1.1 RELATED WORK**

1. Basic Electrical Materials and Methods Section 16050
2. Panelboards Section 16160

**1.2 SUBMITTALS**

1. Submit product data in accordance with Section 16050.
2. Include with requests for equal, time-current characteristic curves for breakers with ampacity of 800A and over, or with interrupting capacity of 25,000 symmetrical RMS and over at system voltage.

**1.3 BREAKERS – GENERAL**

1. Bolt-on molded case circuit breaker, quick-make, quick-break type, for manual and automatic operation with temperature compensation for 40°C (104°F) ambient.
2. Common-trip breakers with single handle for multi-pole applications.
3. Magnetic instantaneous trip elements in circuit breakers, to operate only when the value of current reaches setting. Trip settings on breakers with adjustable trips to range from 3-10 times current rating.
4. Circuit breakers with interchangeable trips as indicated.

**1.4 GROUND FAULT CIRCUIT INTERRUPTERS**

1. Molded case circuit breakers as above with integral Class A Group 1 ground fault interrupter.

**2.1 MANUFACTURERS**

1. Acceptable manufacturers: Cutler Hammer, Federal Pioneer, Square D, Siemens.

**3.1 INSTALLATION**

1. Install circuit breakers as indicated.

**END OF SECTION**