

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