

PART 1 - GENERAL

- 1.1 Product Data .1 Include time-current characteristic curves for breakers with ampacity of 600A and over or with interrupting capacity of 22,000 A symmetrical (rms) and over at system voltage.

PART 2 - PRODUCTS

- 2.1 Breakers  
General .1 Bolt-on moulded case circuit breaker: quick-make, quick-break type, for manual and automatic operation with temperature compensation for 40C ambient.
- .2 Common-trip breakers: with single handle for multi-pole applications.
- .3 Magnetic instantaneous trip elements in circuit breakers to operate only when value of current reaches setting. Trip settings on breakers with adjustable trips to range from 3-8 times current rating.
- .4 Circuit breakers with interchangeable trips as indicated.
- .5 Circuit breakers to have minimum of 10,000 A symmetrical rms interrupting capacity rating.
- 2.2 Thermal  
Magnetic Breakers  
Design A .1 Moulded case circuit breaker to operate automatically by means of thermal and magnetic tripping devices to provide inverse time current tripping and instantaneous tripping for short circuit protection.

- 2.3 Optional Features .1 Include:
- .1 shunt trip.
  - .2 auxiliary switch.
  - .3 motor-operated mechanism c/w time delay unit.
  - .4 under-voltage release.
  - .5 on-off locking device.
  - .6 handle mechanism.

- 2.4 Enclosure .1 Mounted in NEMA 1 type enclosure, sprinkler proof as indicated.

PART 3 - EXECUTION

- 3.1 Installation .1 Install circuit breakers as indicated.

- 3.2 Commissioning .1 Ensure all breakers are torqued to manufacture's specification.