

PART 1 - GENERAL

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| <u>1.1 Product Data</u> | .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. |
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PART 2 - PRODUCTS

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| <u>2.1 Breakers</u> | | |
| <u>General</u> | .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. |
| <u>2.2 Thermal</u> | | |
| <u>Magnetic Breakers</u> | .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. |
| <u>Design A</u> | | |

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.