

PART 1 - GENERAL

- 1.1 SECTION INCLUDES .1 Materials for moulded-case circuit breakers, and ground-fault circuit-interrupters.
- 1.2 RELATED SECTIONS .1 Section 26 05 00 - Common Work Results - for Electrical.
- 1.3 REFERENCES .1 Canadian Standards Association (CSA International).
.1 CSA-C22.2 No. 5-09, Moulded-Case Circuit Breakers, Moulded-Case Switches and Circuit-Breaker Enclosures (Tri-national standard with UL 489, and NMX-J-266-ANCE-2010).
- 1.4 PRODUCT DATA .1 Submit product data in accordance with Section 01 33 00.
.2 Include time-current characteristic curves for breakers with ampacity of 100 A and over or with interrupting capacity of 22,000 A symmetrical (rms) and over at system voltage.
- 1.5 WASTE MANAGEMENT AND DISPOSAL .1 Separate waste materials for reuse and recycling in accordance with Section 01 74 20.

PART 2 - PRODUCTS

- 2.1 BREAKERS GENERAL .1 Moulded-case circuit breakers, ground-fault circuit-interrupters, and accessory high-fault protectors: to CSA C22.2 No. 5.
.2 Bolt-on moulded case circuit breaker: quick-make, quick-break type, for manual and automatic operation with temperature compensation for 40 degrees C ambient.
.3 Plug-in moulded case circuit breakers shall not be used.
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- 2.1 BREAKERS
GENERAL
(Cont'd)
- .4 Common-trip breakers: with single handle for multi-pole applications.
- .5 Magnetic instantaneous trip elements in circuit breakers to operate only when value of current reaches setting.
.1 Trip settings on breakers with adjustable trips to range from 3-8 times current rating.
- .6 Circuit breakers with interchangeable trips as indicated.
- 2.2 THERMAL
MAGNETIC BREAKERS
- .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.

PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Install circuit breakers as indicated.