

PART 1 - GENERAL

<u>1.1 SECTION INCLUDES</u>	.1	Materials for moulded-case circuit breakers, and ground-fault circuit-interrupters.
<u>1.2 RELATED SECTIONS</u>	.1	Section 26 05 00 - Common Work Results - for Electrical.
<u>1.3 REFERENCES</u>	.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 NMJ-J-266-ANCE-2010).
<u>1.4 PRODUCT DATA</u>	.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.
<u>1.5 WASTE MANAGEMENT AND DISPOSAL</u>	.1	Separate waste materials for reuse and recycling in accordance with Section 01 74 20.

PART 2 - PRODUCTS

<u>2.1 BREAKERS GENERAL</u>	.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.

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.