

## PART 1 - GENERAL

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| <u>1.1 RELATED SECTIONS</u>              | .1 | Section 01 33 00 - Submittal Procedures.   |
| <u>1.2 REFERENCES</u>                    | .1 | Canadian Standards Association (CSA International).<br>.1 CSA-C22.2 No. 5-02, Moulded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (Tri-national standard with UL 489, tenth edition, and the second edition of NMX-J-266-ANCE). |
| <u>1.3 SUBMITTALS</u>                    | .1 | Submit product data in accordance with Section 01 33 00 - Submittal Procedures.  |
| <u>1.4 WASTE MANAGEMENT AND DISPOSAL</u> | .1 | Separate waste materials for reuse and recycling.  |
|  | .2 | Collect and separate for disposal all packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.   |
|  | .3 | Separate for reuse and recycling in accordance with Waste Management Plan.   |

## PART 2 - PRODUCTS

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| <u>2.1 BREAKERS GENERAL</u> | .1 | Moulded-case circuit breakers, Circuit breakers: 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: quick-make, quick-break type, for manual and automatic operation with temperature compensation for 40 degrees C ambient. |
|                             | .4 | Common-trip breakers: with single handle for multi-pole applications.   |
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| 2.1 BREAKERS<br>GENERAL<br>(Cont'd)          | .5 | Magnetic instantaneous trip elements in circuit breakers to operate only when value of current reaches setting.   |
|  | .6 | Circuit breakers with interchangeable trips as indicated.   |
| 2.2 THERMAL<br>MAGNETIC BREAKERS<br>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 MAGNETIC<br>BREAKERS DESIGN<br>B         | .1 | Moulded case circuit breaker to operate automatically by means of magnetic tripping devices to provide instantaneous tripping for short circuit protection.   |
| 2.4 OPTIONAL<br>FEATURES                     | .1 | Include:<br><br>.1 Shunt trip where indicated.<br>.2 On-off locking device where indicated.   |

### PART 3 - EXECUTION

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| 3.1 INSTALLATION | .1 | Install circuit breakers as indicated. |
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