

1 General

1.1 RELATED SECTIONS

- .1 Section 26 05 00 - Common Work Results - Electrical.

1.2 REFERENCES

- .1 Canadian Standards Association (CSA)
 - .1 CSA C22.2 No. 5, 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).

1.3 SUBMITTALS

- .1 Submit shop drawings and product data in accordance with Division 01 - General Requirements.

2 Products

2.1 MOULDED BREAKERS GENERAL

- .1 Moulded-case 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 deg. C ambient.
- .3 Common-trip breakers: with single handle for multi-pole applications.
- .4 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. Magnetic instantaneous trip elements in circuit breakers to operate only when value of current reaches setting.
- .5 Breakers are to be by the same manufacturer as the panelboard in which they are being installed.
- .6 Circuit breakers to match panelboard interrupting capacity with minimum 10 kA at 240 V.
- .7 Breakers must be new, complete with original factory warranty and supplied from an authorized manufacturer's distributor.

2.2 OPTIONAL FEATURES

- .1 Install lock-on devices as indicated in Panel Schedules.
- .2 Padlocking provision on mainbreaker of panelboard.

3 Execution

3.1 INSTALLATION

- .1 Install circuit breakers as indicated.
- .2 Connect main secondary service to line terminals of breaker.
- .3 Connect load terminals of breaker to feeders.

3.2 FIELD QUALITY CONTROL

- .1 Perform tests in accordance Section 26 05 00 – Common Work Results - Electrical.
- .2 Check factory made connections for mechanical security and electrical continuity.
- .3 Check trip unit settings and to ensure proper working operation and protection of components.

END OF SECTION
