

## COMBINATION MOTOR CONTROLLER WITH INVERSE-TIME CIRCUIT BREAKER

**WARNING:** To maintain overcurrent, short circuit, and ground fault protection, the manufacturer's instructions for selecting current elements and setting of the adjustable instantaneous trip feature of the circuit breaker (when provided) must be followed.

Inverse-time operation of the circuit breaker can be expected to occur at current values between 100 and 125% of its rating. If the adjustable instantaneous trip feature is provided, determine motor full load current and motor design type identifier from motor nameplate. For Design B, C and D motors adjust circuit breaker to operate at a current setting between ten (10) and thirteen (13) times the full load current. For Design E and N motors adjust circuit breaker to operate at a current setting between thirteen (13) and seventeen (17) times the full load current.

**NOTE:** Breaker is set at minimum current setting when shipped from factory.

**WARNING:** When correctly set, tripping of the circuit breaker indicates the interruption of a high fault current. In order to maintain protection against fire and/or shock hazard, the current carrying parts of this controller should be examined and replaced if damaged. (Refer to NEMA Standards Publication No. ICS 2.2 titled: "Maintenance of Motor Controllers After a Fault Condition" — also published as NEMA Standard Publication No. ICS 2, Part ICS 2-302.)

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