

Typical Specifications

1. Approvals

- A. The Remote Alarm Panel shall meet the requirements of the latest edition of NFPA 20 and shall be listed by [Underwriters Laboratories (UL)] [Underwriters Laboratories of Canada (ULC)] approved by [Canadian Standards Association (CSA)] and have MEA approval for New York City.

2. Construction

- A. The remote alarm panel shall be equipped with a Lamp Test button which, when operated, fully tests all LED's. The Lamp Test Button shall not change the state of internal relays.
- B. The panel shall automatically detect input voltages between 120Vac and 240Vac 50/60Hz on either of the primary and backup source inputs. The panel shall operate such that if the primary source of supply is lost, the panel will automatically switch to the backup source. Both the primary and backup sources shall be independent of each other.
- C. An audible buzzer shall sound when any alarm conditions are present. It shall continue to sound until either the silence button is pressed, or the alarm condition is satisfied.
- D. A silence alarm button shall be provided to silence all active alarms when pressed. It shall have no effect on the associated alarm LED's. Should a second alarm condition occur after the silence button has been pressed, the audible alarm shall re-sound until the silence button is pressed again, or the alarm condition has been satisfied.
- E. A Normal Power On LED shall indicate when normal power is available and shall turn off when the controller switches to the Supervisory (backup) power source. An audible alarm shall sound when normal power is not available and shall remain ON until normal power is restored, or the silence button is pressed.

3. Enclosure

- A. The panel shall be housed in a NEMA Type-1 enclosure provided with means for wall mounting.

4. Input Contacts

- A. Contact inputs shall be dry contact (non powered). Each input shall be capable of being selected as either normally open (N.O.) or normally closed (N.C.).

5. LED Visual Indication

- A. Electric alarm panels shall be provided with six (6) LED visual indicators to indicate Normal Power ON, Supervisory Power ON, Pump Running, Phase Reversal, Phase Failure and Common Alarm.
Diesel alarm panels shall be provided with six (6) LED visual indicators to indicate Normal Power ON, Supervisory Power ON, Engine Running, Not in Auto Mode, Low Fuel, and Common Alarm.

6. Output Contacts

- A. Electric and Diesel alarm panels shall provide two (2) programmable alarm outputs that correspond to user programmed inputs.
- B. All outputs shall be printed circuit board relay style rated for 8amps / 250VAC. The relays shall be de-energized under normal conditions regardless of input status selected.

7. Manufacturer

- A. The panel manufacturer shall manufacture the enclosure and provide completely assembled units.
- B. The remote alarm panel shall be manufactured by Eaton Corporation.