



Annunciator Panel—No. B-287803

(For Use On R-Series and FR II Generator Sets With NFPA Option)

LOCATION

The Kohler Decision Monitor alarm annunciator panel meets the standards of the National Fire Protection Association No. 76A for essential electrical systems for hospitals, and also meets standards of the National Electrical Code, Section 700-12. These codes require a remote annunciator, storage battery powered, to operate outside of the generating room in a location readily observed by operating personnel at a regular work station. The annunciator must give visual and audible warning of an alarm condition affecting an emergency or auxiliary power source.

MOUNTING

The annunciator panel can be either desk or wall mounted. It allows monitoring of the standby power system from a station remote from the generator set. More than one remote annunciator can be connected to the Decision Maker if desired. The indicating lamps, alarm horn, and the conditions they signal, along with other specific information is listed in the Decision Monitor Annunciator Panel Specification Sheet available from your Kohler Generator Distributor, or the Kohler Generator Division, Marketing Department.

INSTALLATION

⚠ WARNING



Accidental starting can cause death or serious personal injury. Turn Generator Master Switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.

NOTE

Observe all applicable national, state, and local electrical codes during installation of the Decision Monitor.

1. Move generator master switch to OFF/RESET position. Disconnect generator set battery, negative lead first.

NOTE

A total of three annunciator panels may be used. When three monitors are used, the 3-A fuse in the back of the controller must be replaced with a 5-A, AG-5 fuse.

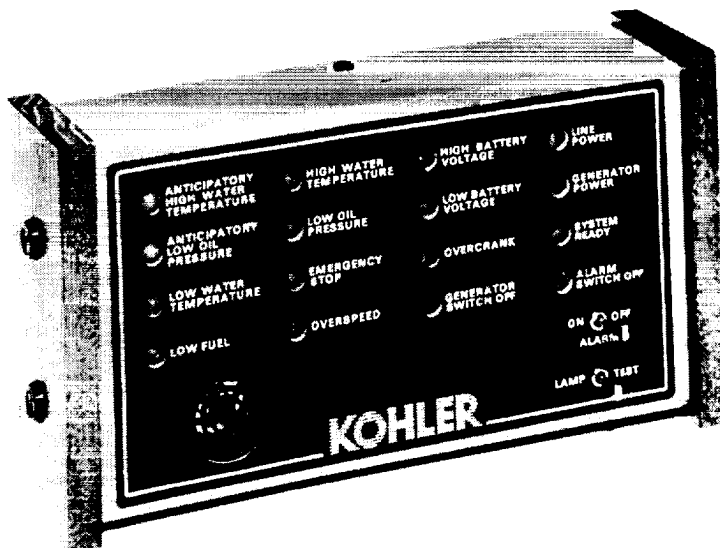


Figure 1. Decision Monitor Remote Annunciator

2. Select a visible location to mount the Decision Monitor(s). The annunciator panel can be either desk or wall mounted but should be mounted in a location readily observed by operating personnel at a normal work station.

⚠ CAUTION

The remote annunciator circuits must be free of all other voltages. It is recommended that the following guidelines be observed during kit installation:

- Always use a separate conduit for remote annunciator leads.
- Use 18-20 gauge wire for annunciator wiring up to 500 feet (152 m) and 14 gauge wire for annunciator wiring up to 1,000 feet (305 m).
- Use grounded metallic conduit **OR**
- Use shielded cable in a non-metallic conduit **OR**
- Use dry contact kits located at the generator set for all signal leads and a separate power source for the remote annunciator.

NOTE

Annunciator terminals 2 and 42A must be connected to the controller terminal strip for the annunciator to function. Other connections are optional depending on the generator set alarm accessory package and the signals wanted in the Decision Monitor.

3. Route leads from the remote annunciator terminal strip through conduit to the meter box terminal strip. (See Figure 2.) Be sure annunciator leads are tied to the corresponding terminals in the controller.
4. Connect transfer switch terminals NO, C, and NC to annunciator terminals 59, 2, and 58 via the connection box (if used).
5. Reconnect generator set battery, negative lead last. Move generator master switch to AUTO for start-up by remote transfer switch or remote start/stop switch. Move annunciator alarm horn switch to ON.

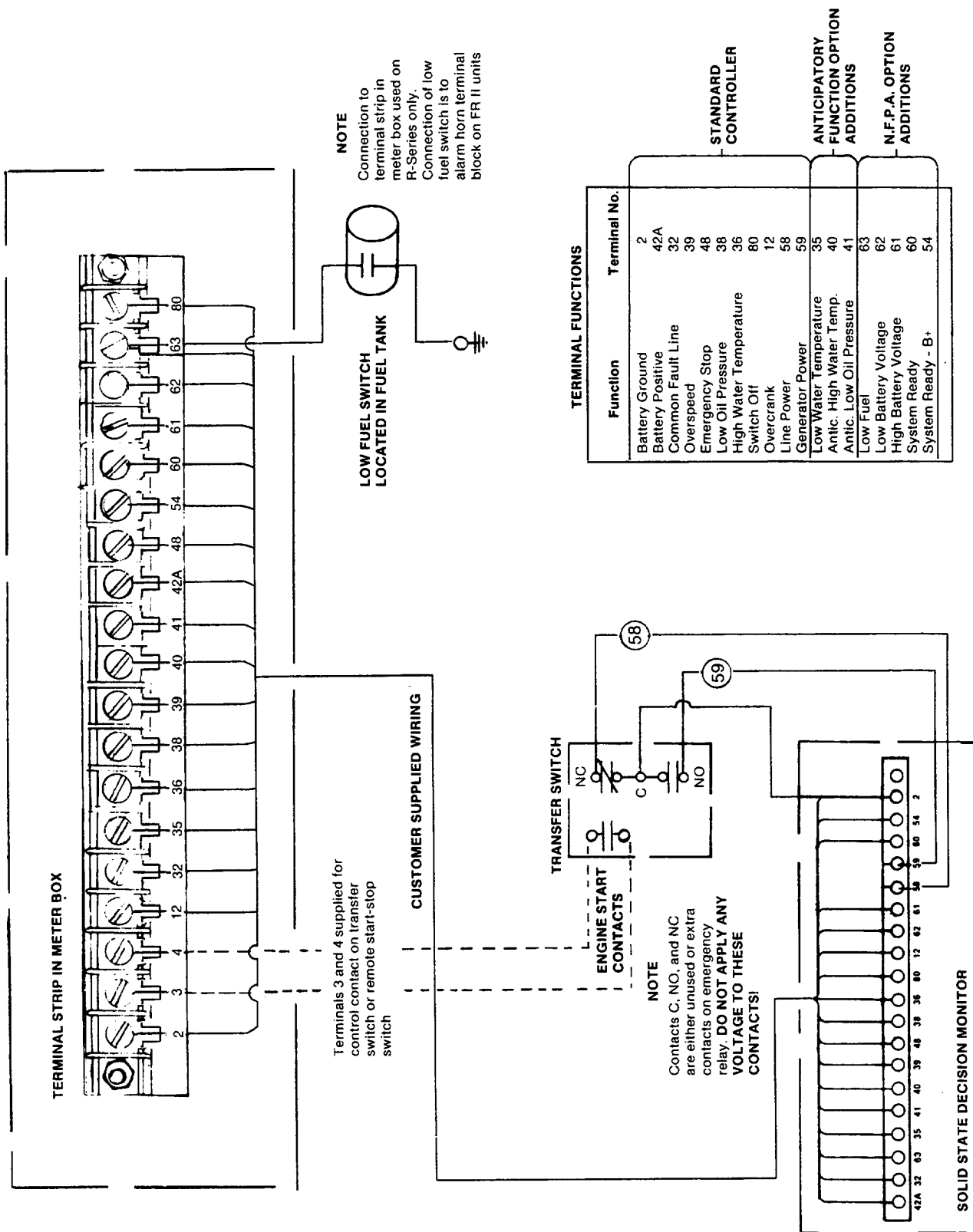
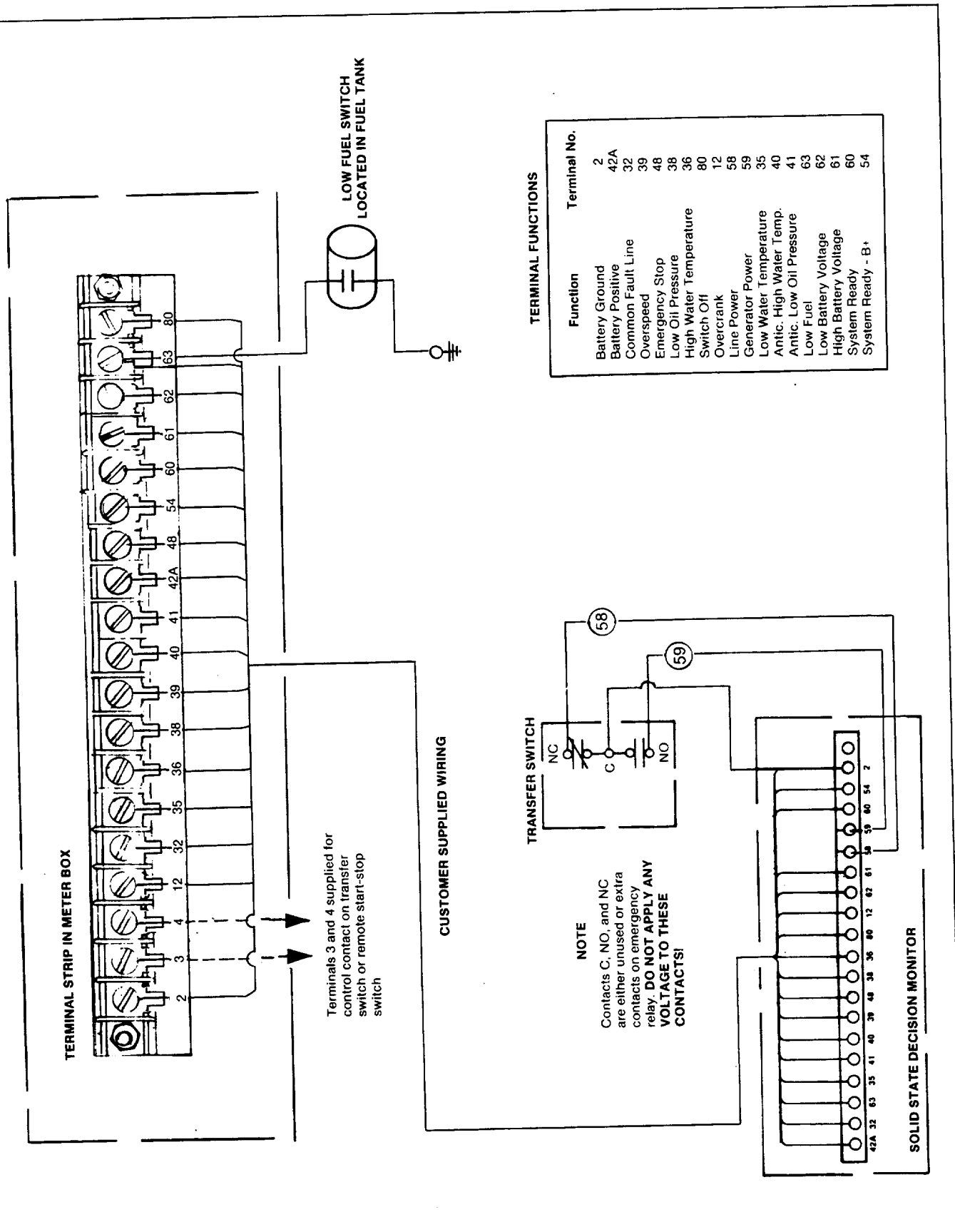


Figure 2. Decision Monitor Terminal Identification



Decision Monitor Terminal Identifications