



CSGL-2000 Fire Alarm Control Panel



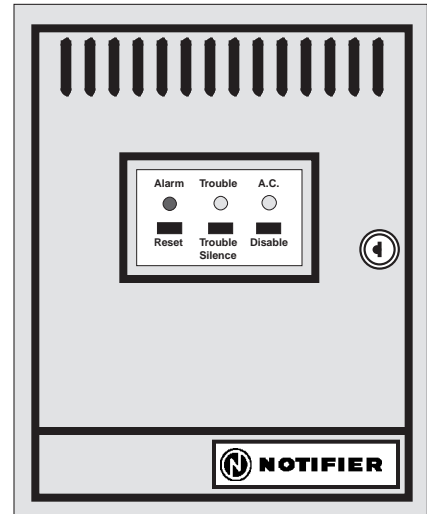
GENERAL

The **NOTIFIER** CSGL-2000 Fire Alarm Control Panel is designed in accordance with the following:
National Fire Protection Association (NFPA) Standards for Protective Signaling Systems: 72A (Local), 72C (Remote Station).

The compact CSGL-2000 control panel was tested as a fire protective signaling system control unit under Underwriters Laboratories Inc., Standard for Safety number U.L. 864. Underwriter's Laboratories of Canada (U.L.C.) listed Standard CAN/ULC-S527-M87.

FEATURES

- Discrete component solid-state design.
- Single-zone non-expandable construction.
- Style B (Class B) initiating circuit.
- Built-in surge suppression.
- Built-in brown-out circuitry.
- Single audible Style Y (Class B) circuit rated @ 0.75 amperes.
- Low current drain of panel minimizes battery ampere-hour requirements.
- Supervision of battery.
- Float charger network.
- Two-wire smoke detector compatible.
- Regulated DC power rated at 100 milliamps.
- Dead-front construction.
- Trouble silence with resound.
- Ground fault circuit.
- Disable switch to silence alarm.
- Power limited for use with limited energy cable.
- In-panel signaling provides:
 - a. Short pulse = Trouble.
 - b. Long pulse = Resound.
 - c. Steady signal = Alarm.
- Trouble circuit monitors the following fault conditions:
 - a. Open detector loop(s).
 - b. Low battery voltage.
 - c. Missing or disconnected battery.
 - d. Ground fault.
 - e. Low AC voltage (brown out).
 - f. Loss of AC power.
 - g. "Off Normal" switch position.
 - h. Open or shorted signaling (bell) circuit.
- Control Switches:
 - a. "Reset" for control and detectors.
 - b. "Trouble Silence" with resound.
 - c. "Disable" to silence alarm.
- LED Indicating Lamps:
 - a. "A. C." Power
 - b. "ALARM".



- c. "TROUBLE".
- Detection Loop:
 - a. Compatible with many types of two-wire detectors.
 - b. Power limited for limited-energy cable.
 - c. Supervised Style B (Class B) operation.
- Supervised Style Y (Class B) audible/visual signaling circuit.
- Compact solid state design.
- Automatic float charger.
- Piezo sounder for audible trouble signal.
- Panel will accept one of the following optional modules:
 - a. Supplementary alarm contacts, two Form-C.
 - b. Supplementary alarm and trouble contacts, Form-C alarm, Form-C trouble (one each).
 - c. Remote station output, alarm only.
 - d. Remote station output, alarm and trouble.

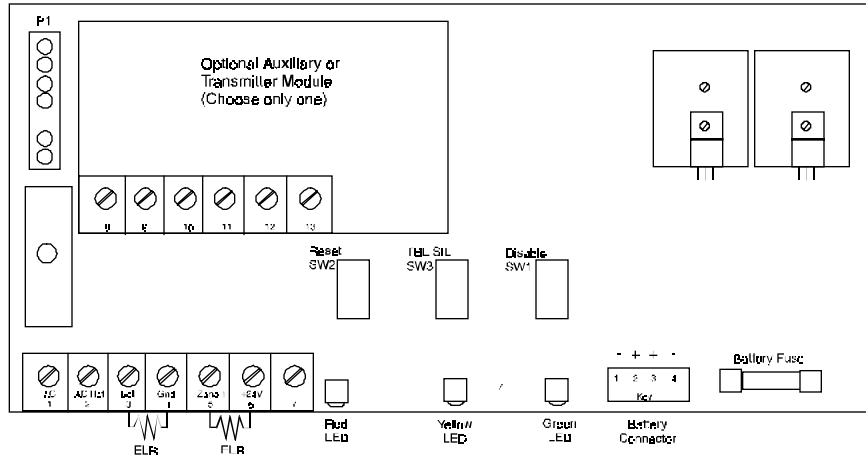
APPLICATIONS

The CSGL-2000 Fire Alarm Control Panel is intended for single zone use in commercial, industrial, and institutional buildings.

OPERATION

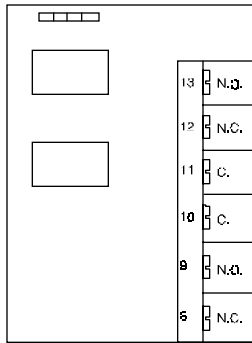
Activation of a compatible two-wire detector or any normally open fire alarm initiating device will sound audible signaling devices, illuminate an indicating LED at the control panel, and operate an optional module. The optional modules can be used to notify a remote station, or initiate a supplementary control function.

Major Component & Terminal Locations



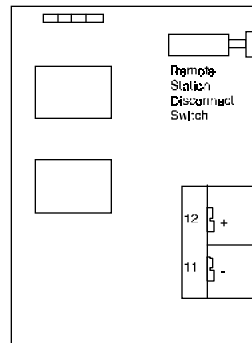
Optional Modules; Choose only one per control panel.

MP-AC24



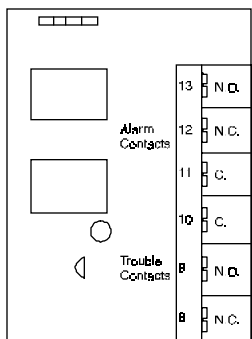
Auxiliary Module
Two sets of Form-C alarm contacts.
Rated at 3 amperes.

MP-TR24



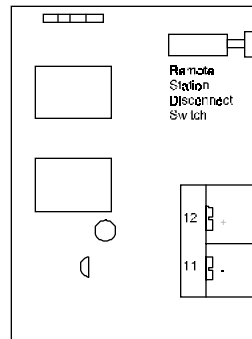
Transmitter Module
Transmits Alarm to
Responding Authority.

MP-AT24



Auxiliary Module
Alarm and Trouble
Form-C contacts.
Rated at 3 amperes.

MP-TRT24



Transmitter Module
Transmits both Alarm
and Trouble to
Responding Authority.
Alarm overrides trouble
signal.

FOR YOUR PROTECTION: Always use two-wire detectors which have been Listed by Underwriters Laboratories Inc. for use with this control panel. For a list of compatible U.L. listed smoke detectors please refer to the Installation Manual for this control panel.