

Alarm Detection Panel



DESCRIPTION

The Alarm Detection Panel is designed to alert PSAP personnel with both a visual and audible alarm when monitored equipment is operating outside of normal parameters.

APPLICATIONS

The Alarm Detection Panel will monitor up to eight pieces of equipment that provide a contact closure.

An example would be to connect the Alarm Detection Panel to the Informer Network Control Modem (NCM), which is housed in its rack in an equipment room. When circuit continuity monitored by the NCM is broken, the NCM will send a signal to the Alarm Detection Panel. The Alarm Detection Panel will illuminate a red LED above the nameplate telling PSAP personnel that circuit continuity has been broken. Also, the green LED below the nameplate will extinguish and an audible alarm will sound.

FEATURES

- Provides 8 scan points with 48 volts and monitors saturation of those contact closures.
- No saturation will cause the illumination of 8 large green LED's that indicates normal operation.
- Saturation of any scan point will cause that channel's green LED to turn off and illuminate a large red LED indicating an alarm condition.
- If any Scan point is in alarm mode (RED) then the Panel Alarm's LED will flash on and off and an audio alarm will sound. (note: this Led is on the right hand side of the box)
- Once the audio alarm has been activated it can be turned off by pressing the Alarm Mute button.
- There is a test button to verify that all LED's and audio circuits are working.
- When a panel alarm is active (any scan point saturated) then an Auxiliary Relay is activated to transfer the alarm condition to another location.

- The two wire scan points, power contacts, auxiliary relay contacts, all have connections on the top of the box via screw terminal blocks that can be unplugged for a quick disconnect.
- The Detection Panel is powered from -48 volts and has connections for both A and B supplies.
- The scan points are powered from internal ISOLATED power supplies so that no equipment is tied together electrically when connected to the scan points.
- A backing plate connects to the bottom of the box and has a swivel mount to a mounting plate that is attached to the wall. This will allow the alarm Detection Panel to be wall mounted and adjusted for optimal viewing angle.

SPECIFICATIONS

- Size is 13.5" by 6.5" by 3.75"
- Requires 48Vdc applied to both A and B power terminals to operate.