sierra monitor corporation

Gas Alarm Panel
Model 2102 - 2 Channel

The 2102 Gas Alarm Panel provides DC Power, visual alarm annunciation, and remote relays for Sierra Monitor's fixed installation combustible or toxic gas monitors (20X and 200X Series).

The Model 2102 Gas Alarm Panel from Sierra Monitor provides a simple, easy-to-install, low-cost remote annunciator system for the Model 20X and 200X fixed installation gas monitors. The Model 2102 supplies the gas monitors with DC power, individual alarm relays and LED's for visual alarm indication. An audible alarm is available on the 2102-01.

The Model 20X and 200X series are fixed installation gas sensor modules designed for continuous operation in open or confined areas. The Model 20X and 200X Series gas modules consist of the Model 201 and 2001 for Combustibles, the 203 and 2003 for Hydrogen Sulfide and the Model 206 and 2006 for Carbon Monoxide.

Reliable, continuous monitoring

Solid state indicators and circuitry provide you with reliable long term operation. Each panel contains a set of red and green LED's (light emitting diodes) for each channel. Under normal conditions the alarm panel provides a constant "SAFE" light status for each module. This indicates that all monitors are on and are detecting an absence of hazardous level of gas at each monitor location.

When a high gas concentration occurs at any module alarm LEDs will identify monitor number and alarm condition.

Easy installation

Each alarm panel is quick and easy to install. The panels are lightweight, self-contained units that can be mounted to a wall or other vertical surface. The alarm panels can be mounted up to 500 feet from the gas sensor modules.
SPECIFICATIONS AND ORDERING INFORMATION

ENCLOSURE:	NEMA 3, JIC Type
INPUT POWER	120 VAC/50-60 Hz
Voltage:	(220 VAC available)
Current (@ 130 VAC):	250 mA
Power (@ 130 VAC):	30 watts
Fuse:	1/4 amp
OUTPUT POWER (per channel)	
Voltage:	9-13 VDC Adjustable
Current:	350 mA DC/Channel
RELAYS:	Two 6 Amp dry contacts
	SPDT 300 VAC 28 VDC
OPERATING TEMPERATURE:	
	+32°F to 113°F
	(0°C to +45°C)
STATUS INDICATORS:	Audible Alarm (2102-01)
	Red and Green LEDs
SIZE (Hx Wx D):	8.3 x 8.3x 4.4 in
	(20.0 x 20.0 x 10.0cm)
WEIGHT:	7.5 lb. (3.4 Kg)