INSTRUCTION MANUAL

Gas Monitor Relay Unit

AB_13003

The C-22G-50 relay unit adds four additional output relays to operate ventilation equipment, external alarms, and interface with other signaling equipment. They can be installed alongside communication modules on projects that call for a central control point, or anywhere on the network.

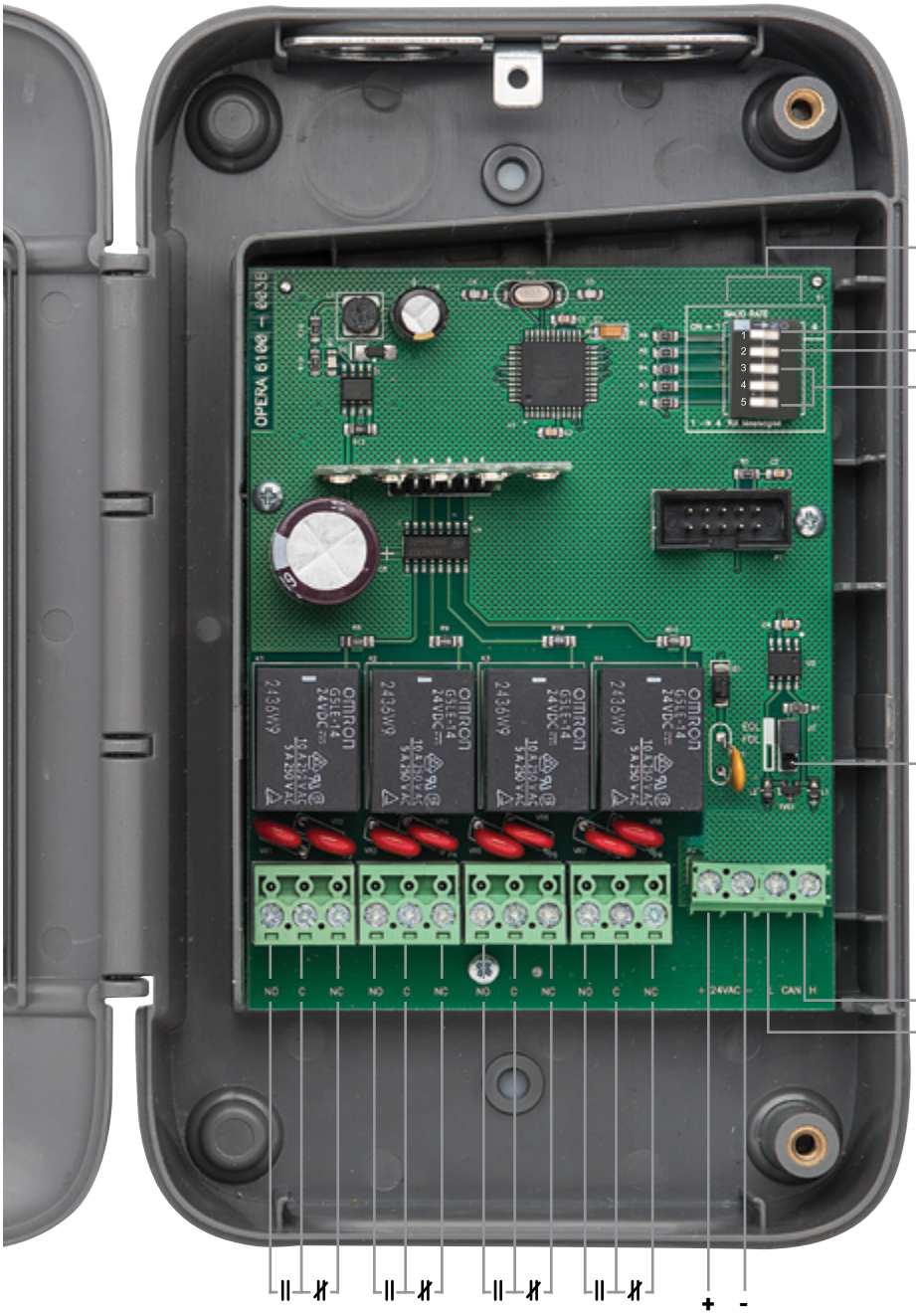
The relay unit is wired through the CAN network that interconnects up to thirty-two devices (gas monitors or communication modules) via a daisy chain. The relays are configurable to activate in conjunction with any gas monitor or communication module on the network. In addition to relay units, output relays are also available on select gas monitors and communication modules.

Networked gas monitors and communication modules are intelligent and can be programmed to transmit alarm messages to different output relays on the network, according to their group or zone. For example, they could send a message to start a large central exhaust fan or variable speed drive for the building and send another control message to open the local make up air damper closest to it. Relay units are a great addition to a gas monitoring system to receive alarm transmit messages and provide a central location where the alarm messages are received.

Key Features

- 4 SPDT relays rated to 5 amps at AC 125 V that can be directly connected to magnetic starters.
- Configurable dip switches to set the receive codes to activate the four relays.
- Water resistant enclosure.
- Led status indicators and writing space to identify user devices.

Gas Monitor Relay Unit



Dual In-line Package (DIP)

Sw1 — CAN bus baud rate*

Sw2 — Not Applicable

Receive codes to activate relays

Sw3+4+5	on**	29 30 31 32
Sw3+4	on**	25 26 27 28
Sw3+5	on**	21 22 23 24
Sw3	on**	17 18 19 20
Sw4+5	on**	13 14 15 16
Sw4	on**	9 10 11 12
Sw5	on**	5 6 7 8
Default all	off**	1 2 3 4

end of line jumper

*right/1 = low speed, left/0 = high speed

**on = right, off = left

CAN Network

High

Low

24 V AC/DC input