Detcon Model 410-N1-24VDC panel mount control enclosure, along with Model 10 digital control modules, is designed to serve as a host control system for remote mount gas detection sensor assemblies. The single channel modular design can be configured for any combination of gases. All control modules are plug-in front panel accessible for easy maintenance and repair. A “blank plate” can be installed on any unused channel until that channel is needed at some future date.

**Specifications**

**Electrical Classification**
- NEMA 1 panel mount

**Dimensions**
- 13"W x 5"H x 8"D

**Capacity**
- Up to 4 single channel control modules

**Power Input**
- 24 VDC standard

**Power Consumption**
- <5 watts per channel (includes gas sensor & control module)

**Outputs**
- Discrete analog 4-20 mA DC
- Serial RS-485 Modbus™
- Discrete or zoned alarm relays

**Operating Temperature Range**
- -40°C to +80°C; -40°F to +175°F

**Warranty**
- One year

**Gas Detection Control System**
Compatible with Model 10 Control Modules

**Description**
Detcon Model 410-N1-24VDC panel mount control enclosure, along with Model 10 digital control modules, is designed to serve as a host control system for remote mount gas detection sensor assemblies. The single channel modular design can be configured for any combination of gases. All control modules are plug-in front panel accessible for easy maintenance and repair. A “blank plate” can be installed on any unused channel until that channel is needed at some future date.

- NEMA 1 Panel Mount
- Modular plug-in design including modular power supply
- 1 to 4 channel capacity
- Discrete analog 4-20 mA outputs
- Discrete or zoned alarm relays (2 alarms plus fault)
- Status and parameters accessible via RS-485 Modbus™
- Compatible with PLC’s, SCADA, and DCS

**Order Guide**

Model 410-N1-24VDC Control Enclosure #951-041040-000
Blank Plate #910-000008-003

www.detcon.com

**Dimensions**

Panel cutout (centered) 5.75" x 5"
Panel depth - 8"

**Slot Detail**
- Use 10-32 screw

**Programming Jumpers**

- RS-485 allows access to status and parameters
- Discrete 4-20 mA output corresponds to range of detection
- Alarm reset is accomplished via a remote normally open momentary switch