**Gas Detection Control System**

**Compatible with Model 10 Control Modules**

**Description**

Detcon Model 810-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
- 1 to 8 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

**Specifications**

**Electrical Classification**
NEMA 1 panel mount

**Dimensions**
11"W x 5"H x 8"D

**Capacity**
Up to 8 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

**Order Guide**
Model 810-N1-24VDC Control Enclosure #951-081040-000
Blank Plate #910-000008-003
www.detcon.com