Detcon Model 1610-N1 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. Model PS-288 (288 watt) power supply can be used as a 117VAC/24VDC power source.

**Specifications**

- **Electrical Classification**: NEMA 1 panel mount
- **Dimensions**: 19"W x 5"H x 8"D
- **Capacity**: Up to 16 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 1610-N1 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. Model PS-288 (288 watt) power supply can be used as a 117VAC/24VDC power source.

- NEMA 1 Panel Mount
- Modular plug-in design
- 1 to 16 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

**Dimensions**

- Alarm and fault relays discrete or zoned via gold plated jumper tabs
- **Power input**: 24 VDC standard
- **Sensor connections** include power and 4-20 mA input
- **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

**Order Guide**

Model 1610-N1-24VDC Control Enclosure #951-161040-000
Blank Plate #910-000008-003

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