**SPECIFICATIONS**

**Electrical Classification**  
NEMA 1 panel mount

**Dimensions**  
11.5”W x 7”H x 8.75”D

**Capacity**  
Up to 6 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

**DESCRIPTION**

Detcon Model 612-N1-24VDC panel mount control enclosure, along with Model 12 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/24 VDC power source.

- **NEMA 1 Panel Mount**  
- **Modular plug-in design**  
- **1 to 6 channel capacity**  
- **Discrete analog 4-20 mA outputs**  
- **Discrete or zoned alarm relays (3 alarms plus fault)**  
- **Status and parameters accessible via RS-485 Modbus™**  
- **Compatible with PLC’s, SCADA, and DCS**

**DIMENSIONS**

- **Panel Cutout**  
  17 1/2” x 6 5/8”

- **Slot Detail**  
  use 10-32 screw

**ORDER GUIDE**

Model 1212 Control Enclosure #951-061240-000  
Blank Plate #912-000008-005