



Model 610-N7

Gas Detection
Control Enclosure

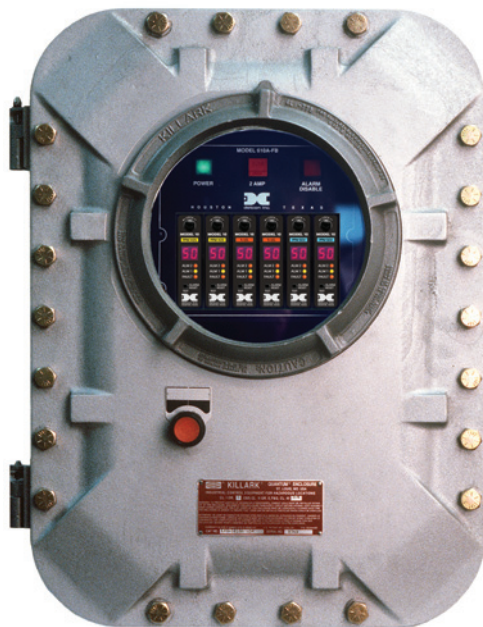
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Compatible with Model 10 Control Modules

DESCRIPTION

Detcon Model 610-N7 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. The Model 610-N7 includes an integral power supply. A panel mount circuit breaker that also acts as a power switch is front panel accessible.



SPECIFICATIONS

Electrical Classification

NEMA 7 explosion proof

Dimensions

15"W x 22 3/8"H x 12"D

Capacity

Up to 6
single channel control modules

Power Input

110-230 VAC/24 VDC

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

Status and parameters accessible via RS-485 Modbus™

Discrete or zoned alarm relays (2 alarms plus fault)

NEMA 7 explosion proof

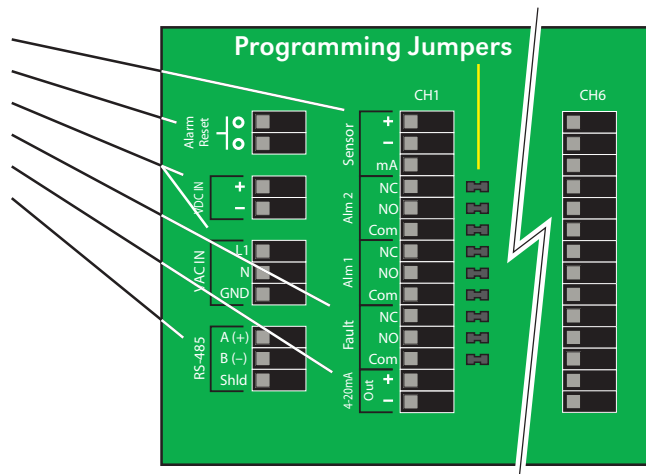
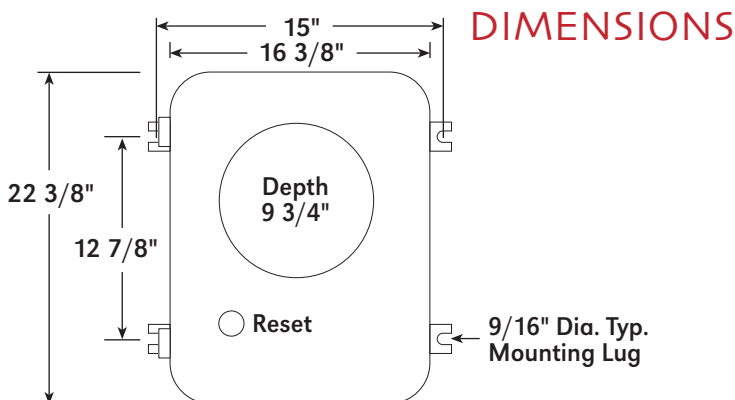
Modular plug-in design

1 to 6 channel capacity

Discrete analog 4-20 mA outputs

Compatible with PLC's, SCADA, and DCS

Sensor connections include power and 4-20 mA input
Alarm reset is accomplished via a remote normally open momentary switch
Power input: 117 VAC and/or 24 VDC standard
Alarm and fault relays discrete or zoned via gold plated jumper tabs
Discrete 4-20 mA output corresponds to range of detection
RS-485 allows access to status and parameters



ORDER GUIDE

Model 610XP Control Enclosure #957-061050-000
Blank Plate #910-000008-003