

# Detcon Model 1010SS-N4X

## Gas Detection Control System

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Compatible with  
 Model 10 Control Modules

### Description

Detcon Model 1010SS-N4X is an ten channel gas detection alarm and control system housed in a stainless steel NEMA 4X weather proof enclosure. The system design uses up to ten Detcon Model series 10 single sensor control cards to supervise and display the condition of virtually any type of field mounted gas detection sensor with a 4-20mA output. Sensor types include combustible gas, oxygen deficiency, and more than 40 toxic compounds. Each control card is dedicated to the supervision and display of the status of a single sensor, provides relay outputs for 2 separate alarm levels and a relay output in the event of a supervised fault condition. Each control card is RS-485 addressable. The Model 1010SS-N4X features a rigidly constructed card cage with front access to all field wiring connections. The mainframe circuit board includes alarm zoning jumpers that can be used to isolate alarm relay outputs by detector function. The system is designed to operate on power input of 110 or 220 VAC and or 24 VDC.



### Specifications

#### Electrical Classification

NEMA 4X  
 Stainless steel enclosure

#### Dimensions

30"W x 36"H x 10"D

#### Capacity

Up to 10  
 Single channel control modules

#### Power Input

117 VAC/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

### Features

- Each module addressable via RS-485 Modbus™
- Discrete or zoned alarm relays (2 alarms plus fault)
- Modular plug-in design
- 1 to 10 channel capacity
- Discrete analog 4-20 mA outputs
- 13 ea. 10 Amp din-rail mounted DPDT Slave Relays

### Options

- Integral 1-hour Stand-by Battery

### Order Guide

- Order by part number 954-101052-000
- Blank Plate 910-000008-003

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