



ISO 9001: 2000
Certified

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Detcon Model 810SS-N4X

Gas Detection Control System

Compatible with
Model 10 Control Modules

Description

Detcon Model 810SS-N4X is an eight channel gas detection alarm and control system housed in a stainless steel NEMA 4X weather proof enclosure. The system design uses up to eight 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 810SS-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

26"W x 24"H x 10"D

Capacity

Up to 8
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 8 channel capacity
- Discrete analog 4-20 mA outputs
- 4 ea. 10 Amp din-rail mounted DPDT Slave Relays

Options

- Integral 1-hour Stand-by Battery

Order Guide

- Order by part number 954-081051-101
- Blank Plate 910-000008-003

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