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MODEL F10 Controls

Alarm Annunciator Control Module

2 Alarm Relays
1 Fault Relay and RS-485

SPECIFICATIONS

Input Power

18-30 VDC, < 1 Watt

Input Limits

Normally closed or normally open detector
 Loops resistance less than 1000 ohms

Shunt trip zener diode type detectors up to 32
 devices per single zone controller

Alarm Relays

2-alarm condition relays form "C" contacts,
 5 amps @ 30 VDC
 1-fault condition relay form "C",
 5 amps @ 30VDC

Module Dimensions

1" Wide, 5.5" High, 8" Deep

Front Panel Indicators

Input power green LED
 Alarm condition red LED
 Fault condition red LED

Front Panel Switch

Reset/Acknowledge

Electrical Classification

General Purpose, non-hazardous

Warranty

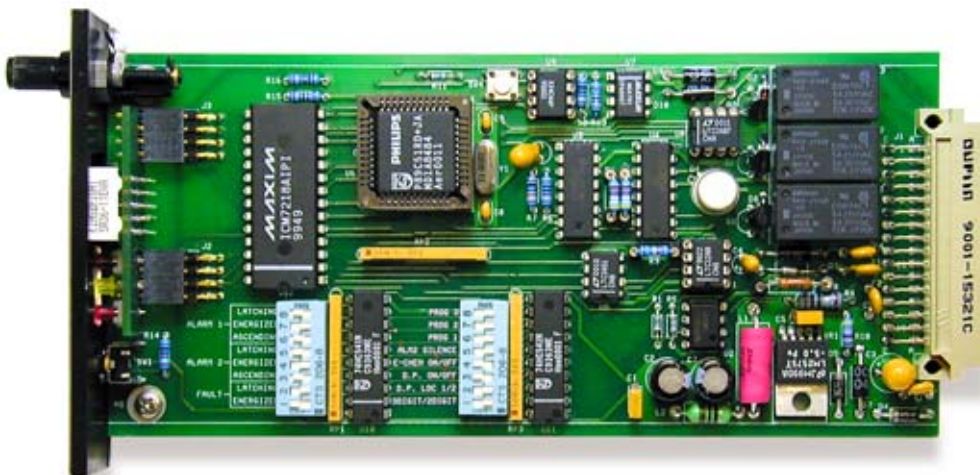
2 year warranty
 5 year fixed fee service policy

DESCRIPTION

Detcon Model F-10 is a single zone alarm annunciator control module designed for use with stand alone thermal detectors, smoke detectors, pull stations and manual call point actuators. The unique design may be programmed for use with normally open, normally closed or shunt trip field devices. Status indication is via front panel color coded LED clusters; green for power input, red for alarm condition and red for fault condition. The F-10 control module features latching or non-latching relay programming and a front panel reset/acknowledge switch.

Each single zone alarm annunciator control module is addressable via RS-485 Modbus serial communication. Input power requirement is 18-30 VDC. Each module is equipped with a normally energized fault condition relay and 2 alarm condition relays. Relay contacts are form "C" and rated for 5 amps at 30 VDC.

The F-10 alarm control module is part of Detcon Model series 10 single sensor control card product group. A wide range of system designs is available including rack and panel mount mainframe assemblies, NEMA 4X weatherproof enclosures and NEMA 7 explosion proof enclosures. This flexible product group facilitates easy integration of fire and gas detection devices providing real time status indication and alarm output functions in compact and completely modular pre-engineered systems.



USER PROGRAMMABILITY

Model F-10 alarm relays are easily configured for latching or non-latching operation with an alarm acknowledge option. Field programming is via a series of well labeled dip switches.