

VF6002-00 & VF6013-00

Fast Response Contact Modules



Standard Features

- Fast, reliable contact monitoring utilizing the VES DCP (Digital Communications Protocol)
- Two different mounting configurations
- 127 devices can be used per DCP loop
- Bi-colored indicating LED provides module status (VF6002 only)
- Single input contact monitor
- Can be programmed to monitor Normally Open (NO) or Normally closed (NC) contacts
- Operates on Class A or Class B SLC loop

Application

- The VES Contact Modules are designed to be used with pull stations, water flow switches, and other applications requiring the monitoring of dry contact alarm initiating devices.
- The interrupt driven Digital Communications Protocol (DCP) combines maximum communication reliability and fast response to emergency conditions.

Two different mounting configurations are provided to meet a wide range of applications. The contact monitoring module does not require a separate 24 VDC power source.

The VF6013 is a small package design and is suitable for mounting in a small junction box behind a pull station or other monitored device. The VF6013 comes with attached pigtail wiring, giving the installer maximum flexibility. The VF6002 is mounted to a cover plate for a 4" square or double gang junction box. It comes with a visible bi-colored indicating LED to provide module status.

Operation

Each addressable contact module is programmed with its own unique Signaling Line Circuit (SLC) loop address.

The address of the contact module is electrically programmable and stored in onboard EEPROM. Up to 127 devices can be placed on the VES DCP SLC loop. The module supervises the wiring to the contact with an End Of Line (EOL) resistor. It can be programmed to monitor normally open (NO) or normally closed (NC) contacts. If a fault condition occurs in the wiring, the module sends a trouble status signal to the Elite fire alarm control panel.

When a change of status is sensed by the contact module, it sends an interrupt to the Elite control panel indicating that an alarm has occurred.

After addressing, Contact Modules are fully configurable through Loop Explorer programming software.

Technical Specifications

Operating Voltage DCP Powered Loop: 17-41 VDC

Average Current Consumption: 550µA (typical)

Alarm Current: 30mA

UL Ambient Installation Temperature Range: 32° F to 120° F

Maximum Humidity: 90% RH Non-Condensing

Dimensions:

VF6002: 4.2" W x 4.7" H x 1.4" D

VF6013: 2.8" W x 1.8" H x 0.7" D