

Fast Response Contact Module

VF6013-00



VF6013

Standard Features

- Fast, reliable contact monitoring utilizing the VES DCP (Digital Communications Protocol)
- 127 devices can be used per DCP loop
- 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

Technical Specifications

Supply Voltage (S-SC)	25.3 - 39 VDC
Average Current Consumption	550µA (Standby) 660µA (Alarm)
Programmable Input	Monitoring Inputs
EOL Device	10K Ohms Resistor
Maximum Quantity per Loop	127
Maximum Humidity	up to 90%, non-condensing
Operating Temperature	32°F - 120°F (0°C - 49°C)
Mounting	Single gang electrical box
Dimensions	3.0"(W) x 1.9"(H) x 0.5"(D)

Application

The Fast Response Contact Modules are designed to be used with pull stations, water flow switches, and other applications requiring the monitoring of dry contact devices. The interrupt driven Digital Communications Protocol (DCP) combines maximum communication reliability and fast response to emergency conditions. The contact monitoring module does not require a separate 24 VDC power source.

Each addressable contact monitoring module is programmed with its own unique Signaling Line Circuit (SLC) loop address. The device address is electrically programmable and stored in on-board EEPROM. Up to 127 devices can be placed on the 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 fire alarm control panel. When a change of status (contact changes state) is sensed by the module, it sends an interrupt to the control panel indicating that an alarm has occurred.

