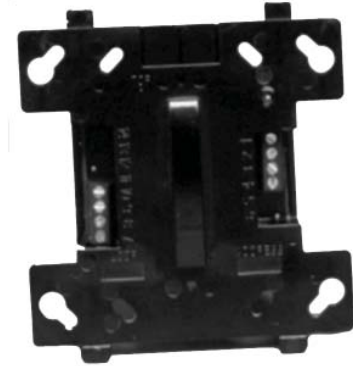


## DUAL MONITOR MODULE

### DESCRIPTION

The Fike Dual Monitor Module (P/N 55-056/55-061) is used with CyberCat intelligent control panels to monitor two sets of independent normally open contacts of auxiliary devices. In addition to monitoring the contact, the device will monitor the wiring to the device for open circuits via an end of line resistor. The Initiating Device Circuits (IDC) for this device is Class B only. The module has one address and two channels. Each IDC circuit corresponds to one channel of the module. Each channel is configured independently and will initiate alarm or trouble states independently of each other. There is an LED indicator on the module to indicate current status of the device. The isolator version of interface module (55-061) has on-board short circuit isolators to prevent shorts on the signaling line circuit from disabling more than a single device on the intelligent loop.



### SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Maximum Red LED Current Draw:	1.6 mA
Average Operating Current:	600 $\mu$ A (LED flashing, 30 VDC, continuous broadcasts)
EOL Resistance:	39K Ohms
Maximum IDC wiring resistance:	100 Ohms
IDC Voltage	5.4 VDC Max*
Temperature Range:	32°F to 120°F (0°C to 49°C)
Humidity:	10% to 93% Non-condensing
Dimensions:	4.17"H x 4.26"W x 1.22"D (106mm H x 108mm W x 31 mm D)
Accessories:	39k $\Omega$ End of Line Resistors; Wall Cover Plate (included); Surface Mount Electrical Box
Mounting:	The module mounts directly to a 4-inch square electrical box with a minimum depth of 2 1/8 inches. For surface mounting, use 20-1071 surface mount box.

\* This device does not supply power through the IDC circuits to the monitored devices.

### ORDERING INFORMATION

Fike P/N	Description
55-056	Dual Monitor Module, Non-isolator
55-061	Dual Monitor Module, Isolator
Accessories	
20-1071	Surface Mount Box
55-051	Configuration IR Tool

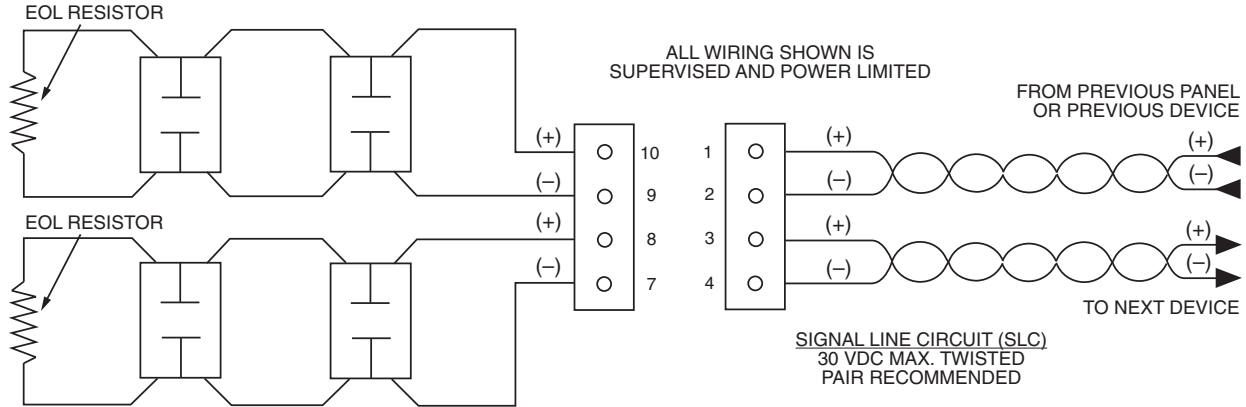
### APPROVALS

- UL - S3217
- FM - 3034135
- CSFM- 7300-0900:150

Form No. P.1.115.01-1

# WIRING DIAGRAM

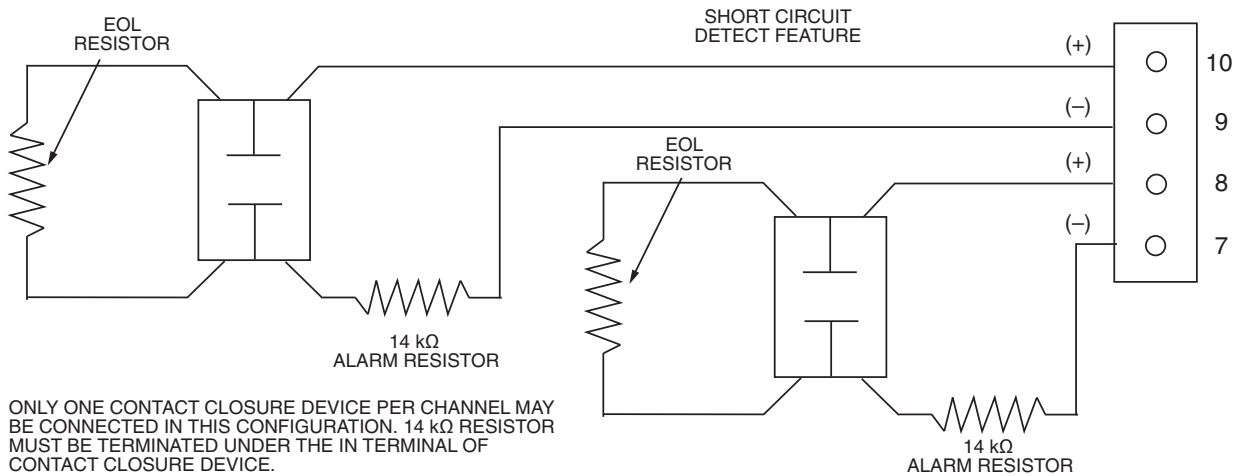
**FIGURE 2. TYPICAL 2-WIRE IDC CONFIGURATION, NFPA CLASS B/STYLE B:**



ANY NUMBER OF UL CONTACT CLOSURE DEVICES MAY BE USED. DO NOT MIX FIRE ALARM INITIATING, SUPERVISORY, OR SECURITY DEVICES ON THE SAME MODULE. INSTALL CONTACT CLOSURE DEVICES PER MANUFACTURER'S INSTRUCTIONS.

C1038-00

**FIGURE 2B. TYPICAL 2-WIRE IDC CONFIGURATION, NFPA CLASS B/STYLE C:**



ONLY ONE CONTACT CLOSURE DEVICE PER CHANNEL MAY BE CONNECTED IN THIS CONFIGURATION. 14 kΩ RESISTOR MUST BE TERMINATED UNDER THE IN TERMINAL OF CONTACT CLOSURE DEVICE.

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