

DUAL MONITOR MODULE

DESCRIPTION

The Dual Monitor Module, P/N 55-056 & 55-061, provides two independent 2-wire, Class B initiating device circuits (IDC), from a single device address. It is capable of monitoring normally open contact fire alarm and supervisory devices. In addition to monitoring the connected contacts, the module will monitor the wiring to the device for open circuits via an end of line resistor. Each circuit is programmed individually and will initiate alarm or trouble states independently from each other, with one collective custom message for the device. The module has a single panel controlled multi-color LED to indicate device status. The isolator version of the module, P/N 55-061, provides complete short circuit isolation for installations requiring NFPA, Class X wiring.

The module is compatible with Fike's CyberCat® intelligent control panels. Its operating parameters are configured using the panel's programming software and are stored within non-volatile RAM in the module. This on-board intelligence allows each module to communicate its status directly to other devices connected to the panel. This peer-to-peer digital protocol results in less information that needs to be sent between the module and the host control panel, resulting in faster, more reliable communication.

SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Maximum Red LED Current Draw:	1.6 mA
Average Operating Current:	600µA (LED flashing, 30 VDC, continuous broadcasts)
Maximum Alarm Current:	2.72mA
EOL Resistance:	39K Ohms
Maximum IDC wiring resistance:	100 Ohms
IDC Voltage	5.4 VDC Max*
Maximum Short Circuit Current:	370µA (for each IDC Loop)
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10% to 93% RH Non-condensing
Dimensions:	4.17"H x 4.26"W x 1.22"D (106mm H x 108mm W x 31 mm D)
Accessories:	39kΩ End of Line Resistors (2 included); Wall Cover Plate (included); Surface Mount Electrical Box
Mounting:	Mounts directly on a 4-inch square electrical box with a minimum depth of 2 1/8 inches. For surface mounting, use 20-1347 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	
20-1347	Surface Mount Box
55-051	IR Tool
10-2625	39K EOL
13-0192	Coverplate

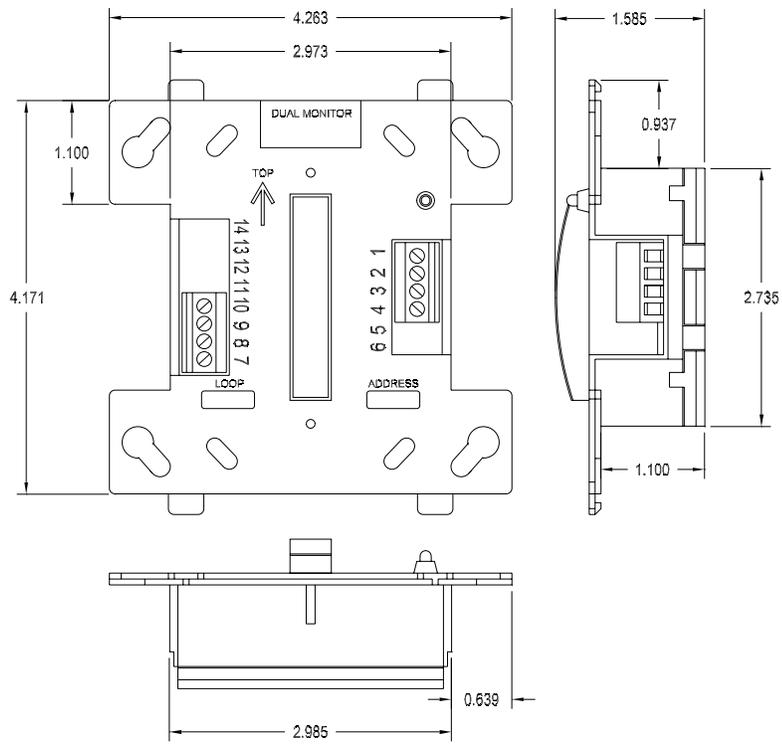


APPROVALS:

- UL - S3217
- FM
- CSFM- 7300-0900:0150



MODULE DIMENSIONS



TERMINAL DEFINITIONS

T1	(+) SLC in/out	T6	No Connection
T2	(-) SLC in/out	T7	(-) IDC 1st input
T3	(+) SLC in/out	T8	(+) IDC 1st input
T4	(-) SLC in/out	T9	(-) IDC 2nd input
T5	No Connection	T10	(+) IDC 2nd input