

MONITOR MODULE

DESCRIPTION

The Monitor Module, P/N 55-041 & 55-046, provides a single, Class A or B initiating device circuit (IDC) capable of monitoring normally open contact fire alarm and supervisory devices or normally closed supervisory/process 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 (Class B only). The module has a multi-color LED that will flash a unique color for instant status indication (Green for normal operation, Red for active input, Yellow for trouble at device). The isolator version of the module, P/N 55-046, provides complete short circuit isolation for installations requiring NFPA, Class X wiring.

The module is compatible with Fike's CyberCat® and Cheetah® Xi 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
Standby Current:	485µA max. (continuous broadcasts)
IDC Voltage:	5.4 VDC max.
Alarm Current:	2.0 mA (red LED on)
Maximum IDC Wiring Resistance:	100 Ω
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10 to 93% RH Noncondensing
Dimensions:	4.17" H x 4.26" W x 1.22" D (106 mm H x 108 mm W x 31 mm D)
Accessories:	39 kΩ End of Line Resistor (P/N 10-2625 included) Wall cover plate (included) 20-1072 Surface Mount Electrical Box 14 kΩ Short Detect Resistor, P/N 10-2530, must be ordered separately
Mounting:	Mounts on 4" square electrical boxes with 2 1/8" minimum depth. For surface mounting, use 20-1347 surface mount box.

ORDERING INFORMATION

Fike P/N	Mfg. Model	Description
55-041	55-041	Monitor Module - Non-isolator
55-046	55-046	Monitor Module - Isolator
Accessories		
20-1346	CBB500	Control Module Barrier
20-1347	SMB500	Surface Mount Box
55-051	EA-CT	IR Tool
10-2625		39 kΩ End of Line resistor
10-2530		14 kΩ Short Detect resistor
13-0192	C58-004-000	COVERPLATE

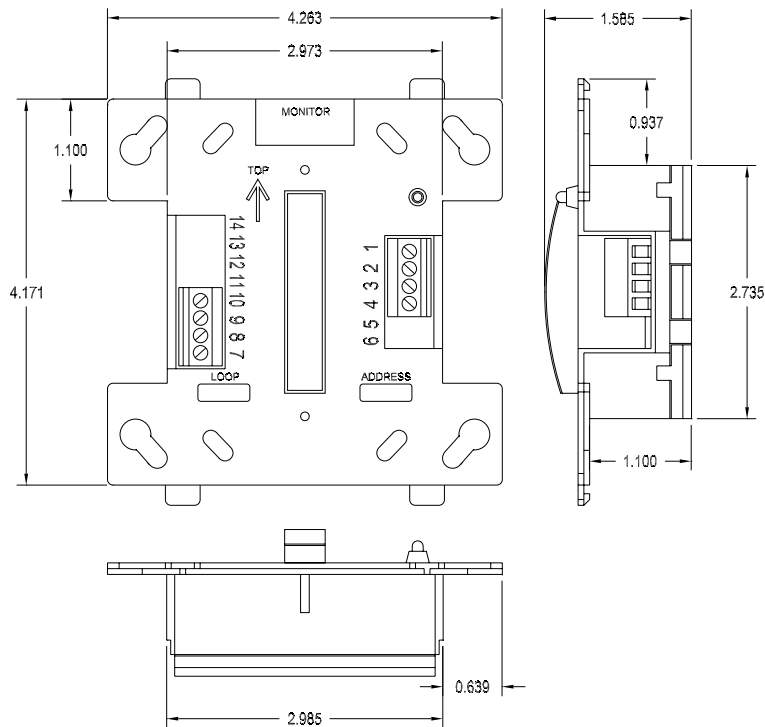


APPROVALS:

- UL - S3705
- FM
- City of New York - 8-05-E
- CSFM - 7300-2010:0101



MODULE DIMENSIONS



TERMINAL DEFINITIONS

T1	(+) SLC in/out	T6	No Connection
T2	(-) SLC in/out	T7	(-) IDC Class A/B
T3	(+) SLC in/out	T8	(+) IDC Class A/B
T4	(-) SLC in/out	T9	(+) IDC Class A
T5	No Connection	T10	(-) IDC Class A