

## MINI MONITOR MODULE

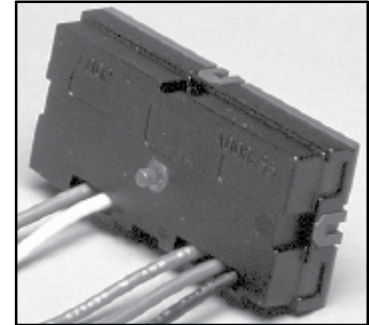
### DESCRIPTION

The Mini Monitor Module, P/N 55-045 & 55-050, provides a single, Class B initiating device circuit (IDC) capable of monitoring normally open contact fire alarm and supervisory devices or normally open 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 single tri-color LED to indicate device status. The isolator version of the module, P/N 55-050, 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 stored within the module's non-volatile RAM. This onboard intelligence allows each module to communicate its status directly to other devices connected to the Signaling Line Circuit (SLC). This peer-to-peer digital protocol results in less information that must 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:	485 µA max. (continuous broadcasts)
IDC Voltage:	5.4 VDC max.
Alarm Current:	2 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 Non-condensing
Dimensions:	1.31" H x 2.73" W x 0.61" D (33 mm H x 69 mm W x 15 mm D)
Wire Length:	6.5 inches (165 mm)
Mounting:	Inside standard electrical box behind monitored device



### APPROVALS:

- UL
- FM
- City of New York
- CSFM

*Refer to agency web site for details.*

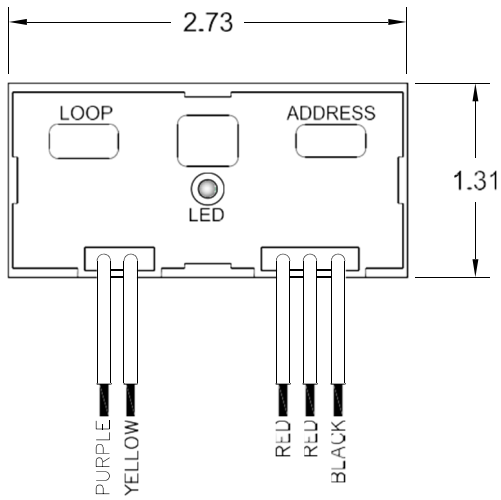


### ORDERING INFORMATION

Fike P/N	Mfg P/N	Description
55-045	EM-1MM	Mini Monitor Module, Non-isolator
55-050	EM-1MMI	Mini Monitor Module, Isolator
<b>Accessories</b>		
CB500	CB500	Control Module Barrier
20-1347	SMB500	Surface Mount Box
55-051	EA-CT	IR Tool
10-2625		39Kohm End of Line Resistor Assembly
10-2530		14K Short Detect Resistor Assembly



### MODULE DIMENSIONS



### WIRE COLOR DEFINITIONS

Red	(+) SLC in/out
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Black	(-) SLC in
Purple	(+) Supervised Input
Yellow	(-) Supervised Input/(-) SLC out