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. In addition to monitoring the connected contacts, the module will monitor the wiring to the device for open circuits. The module has a single panel controlled red LED to indicate device status. The isolator version of the module (P/N 55-050) provides complete short circuit isolation for installations requiring NFPA, Style 7 wiring.
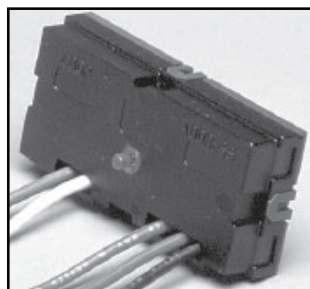
The module is compatible with Fike's CyberCat® and Cheetah® Xi intelligent control panels. Its operating parameters are configured using the panel's programming software and are stored within non-volatile RAM in the module. This on-board intelligence allows each module to communicate its status directly 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

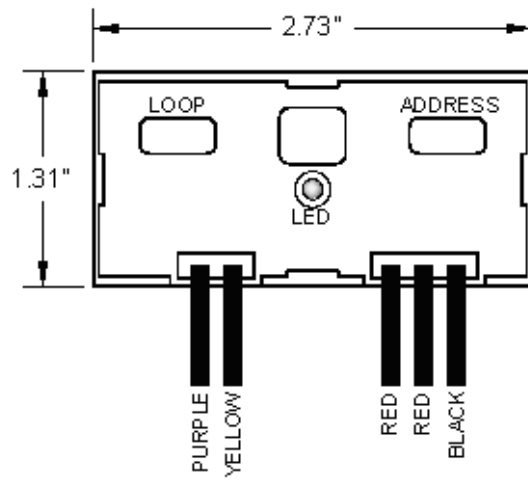|	
Normal Operating Voltage:	15 to 30 VDC
Standby Current:	485 mA max. (continuous broadcasts)
IDC Voltage:	5.4 VDC max.
Alarm Current:	2 mA (red LED on)
Maximum IDC Wiring Resistance:	100 W
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10 to 93% RH Noncondensing
Dimensions:	1.31" H x 2.73" W x 0.61" D
	(33 mm H × 69 mm W × 15 mm D)
Wire Length:	6.5 inches (165 mm)
Accessories:	39 kW End of Line Resistor P/N 10-2625 included
	14 kW Short Detect Resistor, P/N 10-2530, must be ordered separately
Mounting:	Inside standard electrical box behind monitored device

APPROVALS:

- UL - S3705
- FM - 3021590 (isolator)
  3023166 (non-isolator)
- City of New York - 376-06-E
- CSFM - 7300-0900:140

ORDERING INFORMATION

Fike P/N	Description
55-045	Mini Monitor Module - Non-isolator
55-050	Mini Monitor Module - Isolator
Accessories	
20-1071	Control Module Barrier
20-1072	Surface Mount Box
55-051	Configuration IR Tool

Form No. P.1.93.01-3

MODULE DIMENSIONS

WIRE COLOR DEFINITIONS

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