



Kingfisher Company, inc.

## Intelligent Addressable Monitor Module KFM500M



### Description:

The Kingfisher Company, inc., KFM500M, Intelligent Addressable Monitor Module provides an address for a group of UL/ULC Listed normally open (N.O.) initiating devices, such as heat detectors, beam smoke detectors, 4-wire smoke detectors, water-flow switches, manual pull stations, etc. wired in a Class A (Style D) or Class B (Style B) initiating circuit. The KFM500M has an activated red LED.

The KFM500M Monitor Module is intended for use in intelligent, two-wire systems, where the individual address of each module is selected using the built-in rotary decade switches. It provides either a 2-wire or 4-wire fault tolerant initiating circuit for normally open contact fire alarm, supervisory, or security devices. The module has a panel controlled LED indicator.

### Features:

- Provides an address for a group of normally open devices. These devices include, but are not limited to; heat detectors, beam smoke detectors, 4-wire smoke detectors, water-flow switches, and manual pull stations
- SEMS screws for easing wiring
- Panel controlled status LED
- Analog communications
- Rotary address switches
- Low standby current
- Mounts in standard 4" junction box

## Specifications:

<b>Normal Operating Voltage:</b>	15 to 32 VDC
<b>Maximum Current Draw:</b>	5.0mA (LED on)
<b>Average Operating Current:</b>	350 $\mu$ A, 1 communication every 5 seconds, 47k EOL
<b>EOL Resistance:</b>	47K Ohms
<b>Maximum IDC wiring resistance:</b>	40 Ohms
<b>Maximum IDC Voltage:</b>	11 Volts
<b>Maximum IDC Current:</b>	400 $\mu$ A
<b>Temperature Range:</b>	32°F to 120°F (0°C to 49°C)
<b>Humidity:</b>	10% to 93% Non-condensing
<b>Dimensions:</b>	41/2" H x 4" W x 11/4" D (Mounts to a 4" square by 21/8" deep box.)

## ORDERING INFORMATION

KCi #	Model #	Description
52103	KFM500M	Intelligent Addressable Monitor Module
52103-DTS		Specification Data Sheet

Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

**Kingfisher Company, inc.** 81 Old Ferry Road - Lowell, MA 01854  
Phone: 978-596-0214 Fax: 978-596-0217 [www.kfci.com](http://www.kfci.com)