



Kingfisher Company, inc.

Intelligent Addressable Supervised Control Module KFM500S



Features:

- Provides supervised monitoring of wiring to load devices that require external power supply.
- SEMS screws for easing wiring
- Panel controlled status LED
- Analog communications
- Rotary address switches
- Low standby current
- Mounts in standard 4" junction box

Description:

The Kingfisher Company, inc., KFM500S Supervised Control Module for use with the FX2003 Addressable Transmitter and provides supervised monitoring of wiring to load devices that require an external power supply to operate, such as horns, strobes, or bells. It is capable of Class A and Class B supervision. KFM500S Supervised Control Modules are intended for use in intelligent, two-wire systems, where the individual address of each module is selected using the built-in rotary decade switches. This module is used to switch an external power supply, which can be a DC power supply or an audio amplifier (up to 80 VRMS), to notification appliances. The KFM500S also supervises the wiring to the connected loads and reports their status to the panel as NORMAL, OPEN, or SHORT CIRCUIT. The KFM500S has two pairs of output termination points available for fault-tolerant wiring and a panel-controlled LED indicator.

Specifications:

Normal Operating Voltage:	15 to 32 VDC
Maximum Current Draw:	6.5mA (LED On)
Operating Current:	350 μ A max., 1 communication every 5 seconds 47k EOL resistor; 485 μ A max. (Communicating, NAC Shorted)
Maximum NAC Line Loss:	4 VDC
External Supply Voltage	(between Terminals T10 and T11) Maximum (NAC): Regulated 24VDC Maximum (Speakers): 70.07 V RMS, 50 W
Max. NAC Current Ratings:	For class B wiring system, the current rating is 3A; For class A wiring system, the current rating is 2A
Temperature Range:	32°F to 120°F (0°C to 49°C)
Humidity:	10% to 93% Non-condensing
Dimensions:	4.675" H x 4.275" W x 1.4" D (Mounts to a 4" square by 2 ¹ / ₈ " deep box.)
Accessories:	CB500 Barrier

ORDERING INFORMATION

KCi #	Model #	Description
52106	KFM500S	Intelligent Addressable Supervised Control Module
52106-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

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