Fike®

FIK-M500MR-2 Addressable Dual Relay / Monitor Module

The FIK-M500MR-2 multi-output-input module is designed for use with the Fike FCP Series fire alarm control panels (FACPs). The addressable module is intended for use in intelligent, two-wire loops. It includes two individual relay control modules and two Class B monitor modules.

Each relay output is intended for Form C switching applications which do not require wire supervision for the load circuit. Each monitor input provides an interface between a fire alarm control panel and one or more normally open contact-type devices. Each relay output has its own green LED.

The FIK-M500MR-2 mounts directly into a 4" square electrical box. The box must have a minimum depth of 2-1/8". A surface mount electrical box (SMB500) is available from Fike.

COMPATIBILITY

- FCP-75
- FCP-300 / FCP-300ECS
- FCP-2100 / FCP-2100ECS
- RFCP-2100

FEATURES

- Monitor two circuits, with unique addresses, simultaneously
- Two Form C relay contacts with each having a unique address
- Fully supervised support for Class B input wiring
- Relay programming is completely flexible – can be mapped to zone conditions
- Individual LEDs for each monitored input and relay output
- Rotary address switches for fast installation
- SEMS screws for easy wiring

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APPROVALS

- UL Listed
- CSFM
- Factory Mutual Approved

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Dimensions (HxWxD):	4.675" x 4.275" x 1.4" (118.75 mm x 108.59 mm x 35.56 mm)
Shipping Weight:	6.3oz (196 g)
Operating Temperature:	32° -120°F (0° - 49°C)
Humdity:	10 to 85%, non-condensing
Operating Voltage:	15 to 32Vdc
Standby Current:	1.3 mA maximum
Alarm Current:	30 mA / relay pulse (15.6 mS pulse duration under panel control)
Relay Contact Ratings:	2 A @ 25 Vac (PF=.35), non-coded 3 A @ 30 Vdc resistive, non-coded 2 A @ 30 Vdc resistive, coded 0.46 A @ 30 Vdc (L/R=20 ms, non-coded 0.7 A @ 70.7 Vac (PF=.35), non-coded 0.9 A @ 125 Vdc resistive, non-coded 0.5 A @ 125 Vac (PF=.75), non-coded 0.3 A @ 125 Vac (PF=.35), non-coded

ORDERING INFORMATION

Part Number	Description
FIK-M500MR-2	Addressable relay/monitor module
SMB500	4" Square surface mount electrical box