

FIK-M500S Addressable Notification Module

The FIK-M500S is an addressable notification module for use with Fike FCP Series fire alarm control panels (FACPs). The FIK-M500S gives you the flexibility to add notification circuits wherever needed on a Fike FACP signaling line circuit (SLC) loop.

The FIK-M500S provides supervised monitoring of wiring to load devices that require an external power supply to operate, such as bells, horns, and strobes. It is capable of Class B or Class A supervision.

Upon command from the FACP, the FIK-M500S will disconnect the supervision and connect the external power supply across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay turned on. The external power supply is always isolated from the SLC loop so that a trouble condition on the power supply will never interfere with the rest of the system.

The FIK-M500S mounted directly into a 4" square electrical box with a minimum depth of 2-1/8". A surface mount electrical box FIK-BB-2 is available from Fike.

COMPATIBILITY

The FIK-M500S is compatible with the following Fike FACPs:

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

FEATURES

- Flexible solution for adding notification circuits where needed
- Support for Class B or Class A wiring
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Polling LED visible through the cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring



APPROVALS

- UL Listed
- CSFM
- Factory Mutual Approval

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

SPECIFICATIONS

Dimensions (HxWxD):	4.5" x 4" x 1.25" (114.3 mm x 101.6 mm x 31.75 mm)
Shipping Weight:	6.3 oz (196 g)
Operating Temperature:	32° - 120°F (0° - 49°C)
Humidity:	10% to 93%, non-condensing
Operating Voltage:	15 to 32 Vdc
Operating Current:	350 µA standby and alarm
End-of-Line Resistance:	47kΩ
SLC Loop Impedance:	40kΩ

ORDERING INFORMATION

Part Number	Description
FIK-M500S	Addressable notification module
SMB500	4" Square surface mount electrical box
CB500	Module barrier. It is used to separate power-limited and non-power-limited wiring in a junction box.