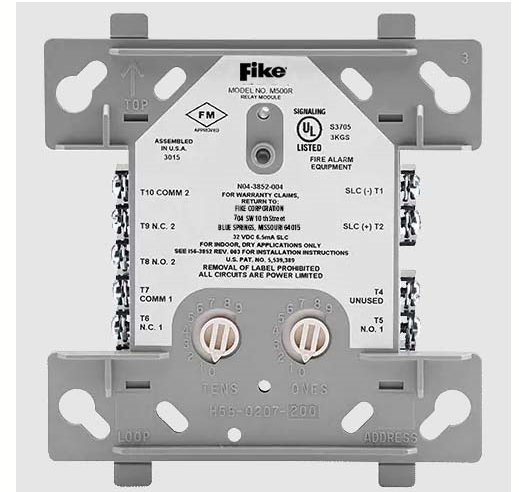


## FIK-M500R Addressable Relay Module

The FIK-M500R is an addressable relay module for use with Fike FCP Series fire alarm control panels (FACP). The FIK-M500R contains two isolated sets of Form C contacts, which operate as a DPDT switch.

The FIK-M500R contacts can be used for virtually any normally open or normally closed application. Each relay is programmed with a unique signaling line circuit (SLC) loop address. When an event occurs that controls the relay, the relay is triggered by the FACP.

The FIK-M500R mounts directly to a 4" square electrical box with a minimum depth of 2-1/8". A surface mount electrical box is available from Fike.



### COMPATIBILITY

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

### FEATURES

- Two sets of Form C contacts
- Contacts are rated for a variety of amps
- Panel controlled status LED
- Relay programming is completely flexible and can be mapped to zone conditions
- Polling LED visible through the cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring

## APPROVALS

- UL Listed
- CSFM
- Factory Mutual Approved

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

## SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| <b>Dimensions (HxWxD):</b>    | 4.275" x 4.675" x 1.4" (108.59 mm x 118.75 mm x 35.56 mm)  |
| <b>Weight:</b>                | 6.3 oz (196 g)   |
| <b>Operating Temperature:</b> | 32°F to 120°F (0°C to 49°C)  |
| <b>Humidity:</b>              | 10 to 93%, non-condensing  |
| <b>Operating Voltage:</b>     | 15 – 32 Vdc  |
| <b>Standby Current:</b>       | 300 $\mu$ A maximum @ 24 Vdc*  |
| <b>LED Current:</b>           | 5.5 mA (with LED latched on)   |
| <b>Relay Contact Ratings:</b> | 2 A @ 25 Vac (PF = .35), non-coded<br>3 A @ 30 Vdc resistive, non-coded<br>2 A @ 30 Vdc resisted, coded<br>0.46 A @ 30 Vdc (L/R-20ms), non-coded<br>0.7 A 70.7 Vac (PF = .35), non-coded<br>0.9 A 125 Vdc resistive, non-coded<br>0.5 A 125 Vac (PF = .75), non-coded<br>0.3 A 125 Vac (PF = .35), non-coded |

\*One communication every 5 seconds with LED enabled.

## ORDERING INFORMATION

| Part Number      | Description  |
|------------------|--|
| <b>FIK-M500R</b> | Relay module   |
| <b>SMB500</b>    | 4" Square surface mount electrical box   |
| <b>CB500</b>     | Module barrier. It is used to separate power-limited and non-power-limited wiring in a junction box. |