July 13, 2004 DF-51555 • B-500

ACM-8RF

Relay Module for use with MS-9200, MS-9200UD, MS-9600 and MS-5210UD

Section: Annunciators

FIRE·LITE® ALARMS

www.firelite.com

GENERAL

The **ACM-8RF** is a relay module in the Fire•Lite AFM Series of annunciators. It provides the MS-9200, MS-9200UD and MS-9600 Fire Alarm Control Panels and MS-5210UD 10-zone Fire Alarm Control/Communicator with relay-by-zone capability for elevator recall, HVAC control, etc. The ACM-8RF provides eight (8) Form-C mappable relays with contacts rated at 5 amps. The ACM-8RF mounts remote from the MS-9200, MS-9200UD, MS-9600 and MS-5210UD in an ABS-8RF enclosure.

Up to 32 ACM-8RF relay modules may be installed on the panel's EIA-485 circuit.

LISTED S624

CS68/CS702

MEA 122-96-E, Vol. II

California State Fire Marshal 7120-0075:178

FEATURES

- Provides eight Form-C relays with 5-amp contacts.
- Up to 32 ACM-8RFs may be installed on the MS-9200, MS-9200UD, MS-9600 and MS-5210UD's EIA-485 serial output.
- Mounts remotely in ABS-8RF enclosure.
- Requires only two wires for communication and two for power.
- Removable terminal blocks for ease of installation and service.
- DIP switch selectable memory mapping of relays.

MOUNTING

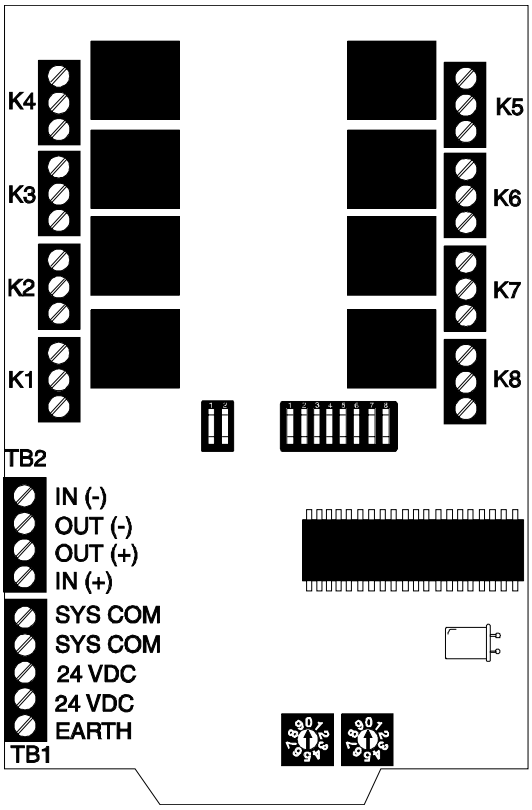
The ACM-8RF will only mount to an ABS-8RF annunciator surface-mount backbox with blank faceplate.

OPERATION

Communication between the Control Panel and the ACM-8RF is accomplished over a two-wire EIA-485 serial interface. This communication, to include the wiring, is supervised by the fire alarm control panel. Power for the relay module is provided via a separate power loop from the control panel which is inherently supervised (loss of power also results in a communication failure at the control panel).

RELAY MAPPING

The ACM-8RF's relays follow the status of the 56 software zones of the MS-9200, the 99 software zones of the MS-9200UD and MS-9600 or the 10 Initiating Device Circuits (IDCs) of the MS-5210UD. For full relay-by-zone capability with the MS-9200 (i.e., 56 software zones), a minimum of seven ACM-8RFs are required (alarm only). For full Relay-By-Zone capability with MS-9200UD and MS-9600, a minimum of 13 ACM-8RF's are required(alarm only). For full MS-5210UD relay-by-zone capability (i.e., all 10 zones), a minimum of two ACM-8RFs are required (alarm only). Consult the ACM-8RF installation manual for application-specific details.



ACM-8RF

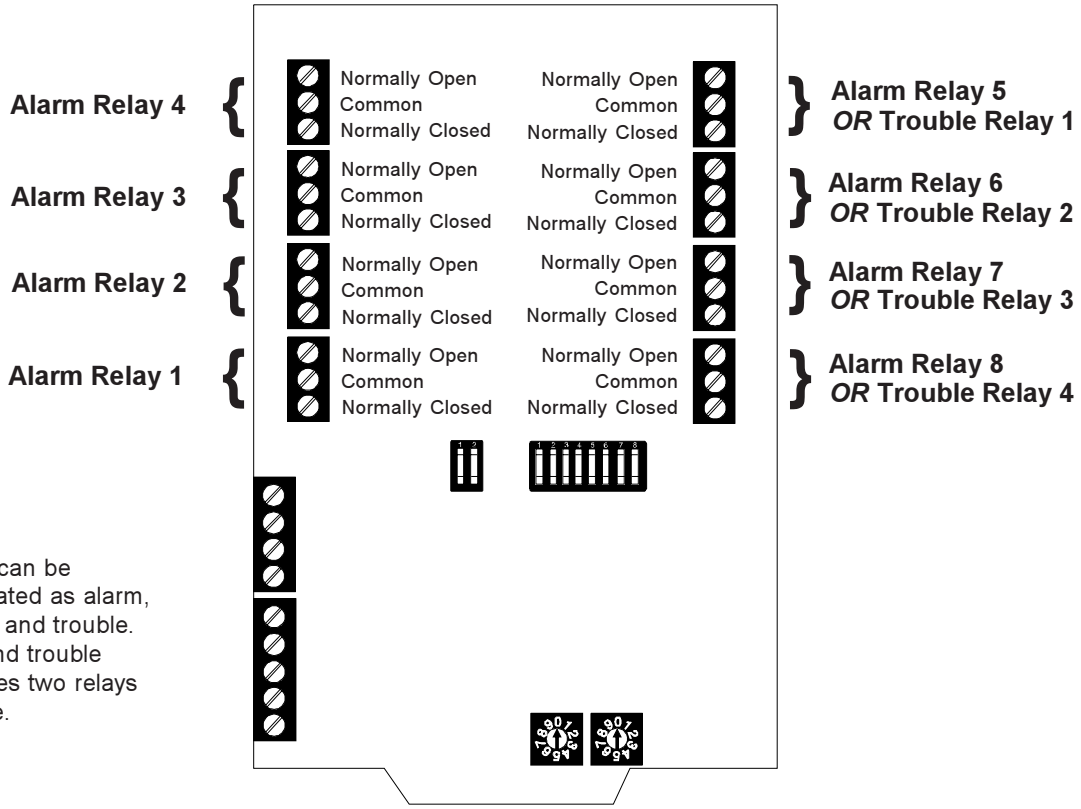
Fire•Lite® Alarms is a Honeywell company.
This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
For more information, contact Fire•Lite Alarms, One Fire-Lite Place, Northford, Connecticut 06472. Phone: (800) 627-3473, Toll-Free FAX: (877) 699-4105.

ISO 9001 CERTIFIED ENGINEERING & MANUFACTURING QUALITY SYSTEMS

Made in the U.S.A.

RELAY TERMINAL ASSIGNMENTS

The ACM-8RF provides eight relays with Form-C contacts rated for 5 amps. The terminal assignments are illustrated below.



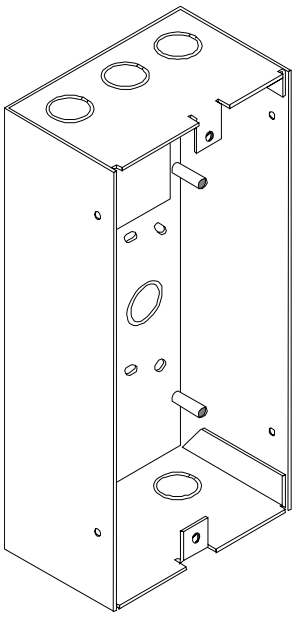
Circuits can be annunciated as alarm, or alarm and trouble. Alarm and trouble consumes two relays per zone.

PRODUCT LINE INFORMATION

ACM-8RF Relay module, 8 Form-C relays @ 5 amps.

ABS-8RF Annunciator surface-mount backbox with blank faceplate.

LED-10IM Remote annunciator interface module for MS-5210UD (required for EIA-485 output). Supports up to 32 devices.



ABS-8RF
9.94" H x 4.63" W x 2.50" D