



FA-1008KA

Description

Mircom's FA-1008KA Fire Alarm Control Panel is a microprocessor based unit designed for maximum flexibility and easy installation. Fully configurable from the front panel using the push buttons and DIP switches, it enables the user to configure the system to meet their specific requirements.

The FA-1008KA consists of one MCC-1024-6A Main Chassis in a BB-1024 Enclosure. The MCC-1024-6A Main Chassis comes complete with 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) Circuits. It can be expanded up to 24 Class B or 12 Class A circuits with the addition of the DM-1008A Initiating Circuit Module. In addition it comes equipped with 4 Class A/B (Style Z/Y) Indicating circuits which are each rated at 1.7 Amps. The Main Chassis also includes a 6 Amp Power Supply which powers the system and supplies two 4-wire resettable regulated smoke power supply of 24 VDC 200mA maximum each. The MCC-1024-6A also allows for the addition of two SGM-1004A Signal Modules or two RM-1008A Relay modules in place of the DM-1008A Initiating Circuit Adder Modules. (Maximum of 3 Adder modules)

The cabinet is available in a beige colour and can hold up to 72 zone. A Fire Retardant Lexan Window in the hinged door allows for viewing of the status LEDs. It comes with a durable CAT-30 lock and key. Space is provided for up to 17 AH Gel Cell batteries.

Features

- 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) Circuits. Expandable up to 24 Class B or 12 Class A Initiating Circuits
- 4 Class A/B (Style Z/Y) Indicating Circuits with individual trouble indicators (1.7 Amps max. per circuit)
- Each Indicating Circuit can be configured as Silenceable or Non-Silenceable. Audibles may be configured as Steady, Temporal Code, California Code or March Time
- Each Initiating Circuit can be configured as Alarm, Supervisory, Waterflow or Trouble
- Two LEDs per Initiating circuit; one for Trouble and one for Status
- Initiating and Indicating Circuits may be individually disconnected by a DIP switch
- Configurable Signal Silence Inhibit, Auto Signal Silence, Two-Stage Operation and One Man Walk Test
- Alarm Verification on Initiating Circuits
- Subsequent Alarm, Supervisory and Trouble operation
- Two outputs for 4 wire resettable smoke power supply (200 mA Max. each)
- Auxiliary relay contacts for Common Alarm and Common Supervisory as well as a Common Trouble Relay (Each relay contact Form C, 28 VDC @ 1 Amp (resistive))
- RS-485 Interface for RA-1000 Remote Multiplex Annunciators
- Interface for Remote Trouble Indicator
- Easy configuration via push buttons and DIP switches on the front panel
- Extensive Transient Protection
- 6 Amp Power Supply
- Removable door for easy installation and servicing

Optional Modules

- UDACT-300A Digital Communicator
- Polarity Reversal and City Tie Module
- Semi-Flush mounting available with use of optional trim ring (FA-UNIV-TRB)



CATALOG NUMBER 5625

NOT TO BE USED FOR INSTALLATION PURPOSES.

Mircom reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.

Application

The Mircom FA-1008KA is designed as an economical Microprocessor Based Fire Alarm Control Panel which is expandable up to 24 display points. Its modular design suits various applications. Ideal for applications such as small institutional and commercial buildings, shopping malls, offices and public establishments, the FA-1008KA is configurable to meet virtually all

requirements. The panel is designed to be easy in its installation, operation and maintenance. This makes the system cost effective and very reliable for its intended applications.

Dimensions

26"H x 14½"W x 4½"D

Ordering Information

Model Description

Basic System Package

FA-1008KA	Microprocessor Based Fire Alarm Control Panel expandable up to 24 display points. Includes MCC-1024-6A Main Chassis complete with 8 Class B (Style B) Initiating Circuits or 4 Class A (Style D) Initiating Circuits, 4 Class A/B (Style Z/Y) Indicating Circuits, 6 Amp Power Supply and one BB-1024 Beige Enclosure. DIP Switch Configurable. <i>(For Canadian Market)</i>
FA-1008KUA	Microprocessor Based Fire Alarm Control Panel expandable up to 24 display points. Includes MCC-1024-6SA Main Chassis complete with 8 Class B (Style B) Initiating Circuits or 4 Class A (Style D) Initiating Circuits, 4 Class A/B (Style Z/Y) Indicating Circuits, 6 Amp Power Supply and one BB-1024 Red Enclosure. Slide Switch Configurable. <i>(For U.S. & International Markets) (Add suffix "I" for 220 VAC International Model)</i>
FA-1008KUD	Microprocessor Based Fire Alarm Control Panel expandable up to 24 display points. Includes MCC-1024-6SA Main Chassis complete with 8 Class B (Style B) Initiating Circuits or 4 Class A (Style D) Initiating Circuits, 4 Class A/B (Style Z/Y) Indicating Circuits, 6 Amp Power Supply and one BB-1024 Red Enclosure. DIP Switch Configurable. <i>(For U.S. Market)</i>

FA-UNIV-TRB	Semi-Flush Trim Ring
RTI-1	Remote Trouble Indicator

Adder Modules

DM-1008A	Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuit Module
SGM-1004A	Four Class A/B (Style Z/Y) Indicating Circuit Module (Rated at 1.7 Amps per circuit)
RM-1008A	Eight Relay Circuit Module c/w eight Form C relays (Rated for 28 VDC @ 1 Amp. max. per relay)

Auxiliary Modules

UDACT-300A	Digital Alarm Communication Transmitter/Dialer Module
PR-300	Polarity Reversal and City Tie Module

Remote Annunciators

RAM-1032	Main Annunciator Chassis c/w Common Control Features, Indicators and 32 Bi-Coloured LEDs
RAM-1032TZ	Main Annunciator Chassis c/w Common Control Features, Indicators and 32 Bi-Coloured LEDs & 32 Trouble LEDs
RAM-1016	Main Annunciator Chassis c/w Common Control Features, Indicators and 16 Bi-Coloured LEDs
RAX-1048	Adder Annunciator Chassis c/w 48 Bi-Coloured LEDs
RAX-1048TZ	Adder Annunciator Chassis c/w 48 Bi-Coloured LEDs and 48 Trouble LEDs
BB-1001	Annunciator backbox with keylock door (Houses one module)
BB-1002	Annunciator backbox with keylock door (Houses two modules)
BB-1003	Annunciator backbox with keylock door (Houses three modules)

Note: For U.S. and International enclosure add suffix 'R' (Red Exterior)
For Stainless Steel enclosure add suffix 'S'

Batteries

BA-110	12 Volt, 10 Amp/Hr. Battery - 2 pcs required per panel
BA-117	12 Volt, 17 Amp/Hr. Battery - 2 pcs required per panel

End of Line Resistors

MP-300	EOL Resistor Plate
MP-300R	EOL Resistor Plate, Red
MP-300S	EOL Resistor Plate, Stainless Steel Finish

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