

## FEATURES

- UL listed. File #S405, Standard #684 under the MPC-2000 System Control Unit
- CSFM. Listed #7165-065:123 under the MPC-2000
- Fully powered limited
- Compatible with MPC - 2000 systems using 3.200 software or higher
- 1.5 amp @ 24VDC fully filtered / regulated, *non-resettable* power output & one 1.5 amp @ 24VDC fully filtered / regulated, *resettable* power output
- Provides power for operating option modules that require non-resettable power & also provides resettable power for 4-wire smoke detectors
- Built-in module slave "brown-out" circuitry
- Built-in transient protection
- Built-in standby battery transfer circuitry
- Compatible with AM-1 Addressable/Analog Module
- IBEW/USA Crafted



## GENERAL

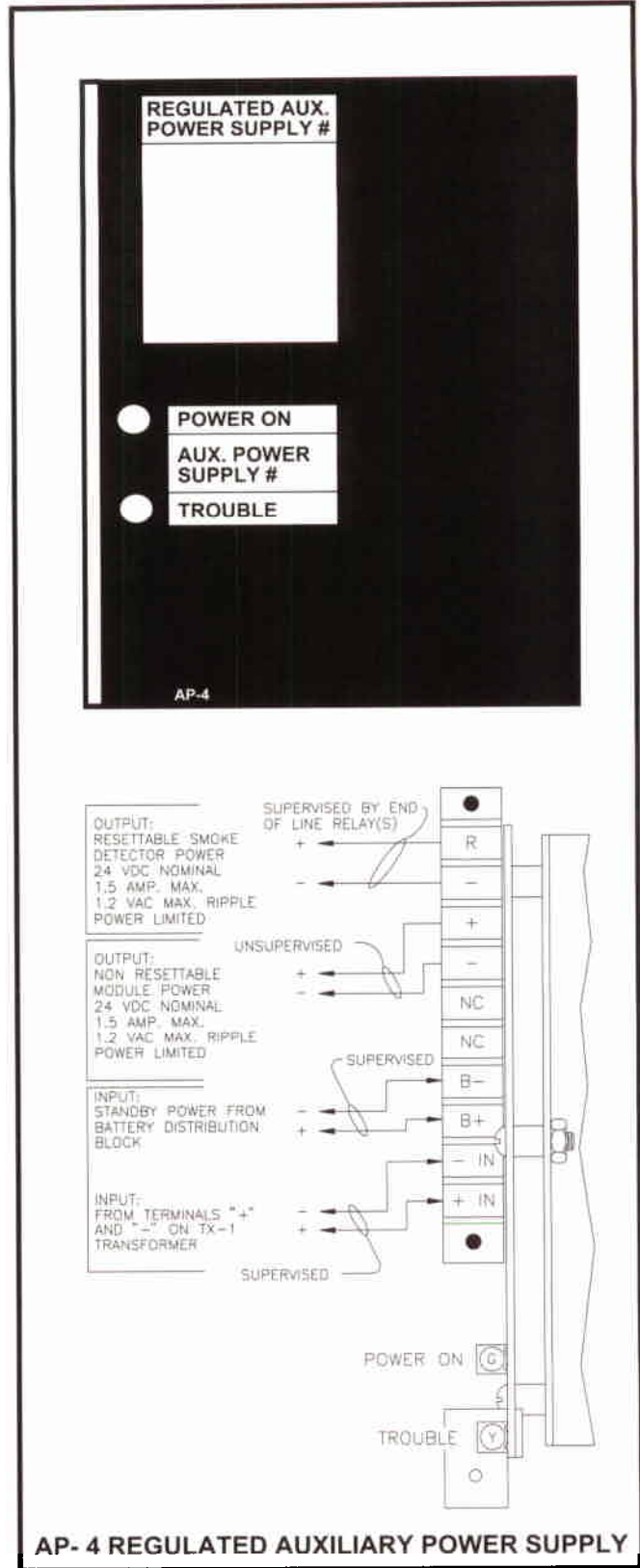
The AP-4 auxiliary power supply module provides a battery backed means of supplying up to 1.5 Amp. @ 24VDC of filtered, regulated, resettable and 1.5 Amp. @ 24VDC non-resettable system operating power for the MPC-2000. This power is provided for operating a quantity of other control unit option modules that require resettable or non-resettable power.

## DESCRIPTION

One function of the AP-4 auxiliary power supply module is to provide resettable or non-resettable power to other option modules within the MPC-2000 control unit. It also was designed to provide resettable or non-resettable power to power auxiliary devices that require power. The AP-4 module also provides for access of the system's stand-by battery set for powering the above functions during a primary power fault condition. System "brown-out" slave circuitry is built into the AP-4 module. The AP-4 module must be supplied with filtered raw operating power from 1/2 (filtered ckt.) of a TX-1 power transformer module. The AP-4 module provides front panel visible indications for "power-on" (green LED) and "trouble" conditions (yellow LED)

## TECHNICAL DATA

- Power Provision:** 1.5 Amp @ 24 VDC filtered, regulated, power limited and resettable  
 1.5 Amp @ 24 VDC filtered, regulated, power limited and non-resettable
- Power Consumption:** 3.0 Amp @ 26-48 VDC filtered, from 1/2 TX-1 transformer  
 Alarm .030 Amp @ 24 VDC  
 Standby .030 Amp @ 24 VDC
- Space Consumption:** (2) Module spaces
- Channel Consumption:** (1) Module on the miscellaneous channel



## ORDERING INFORMATION

Model #	Part #	Description
AP-4	401381	Regulated Auxiliary Power Supply

# FIRE ALARM CONTROL UNITS - MPC-2000

FARADAY MPC-2000 FIRE ALARM SYSTEM CONTROL UNIT - OPTION AP-5

## FEATURES

- UL listed. File #S405, Standard #684 under the MPC-2000 System Control Unit
- CSFM. Listed #7165-065:123 under the MPC-2000
- 3.0 amp @ 24VDC unfiltered and unregulated non-resettable power output
- Fully powered limited
- Compatible with MPC - 2000 systems using 3.200 software or higher
- Provides power for signaling and auxiliary devices
- Built-in module slave "brown-out" circuitry
- Built-in transient protection
- Built-in standby battery transfer circuitry
- IBEW/USA Crafted



## GENERAL

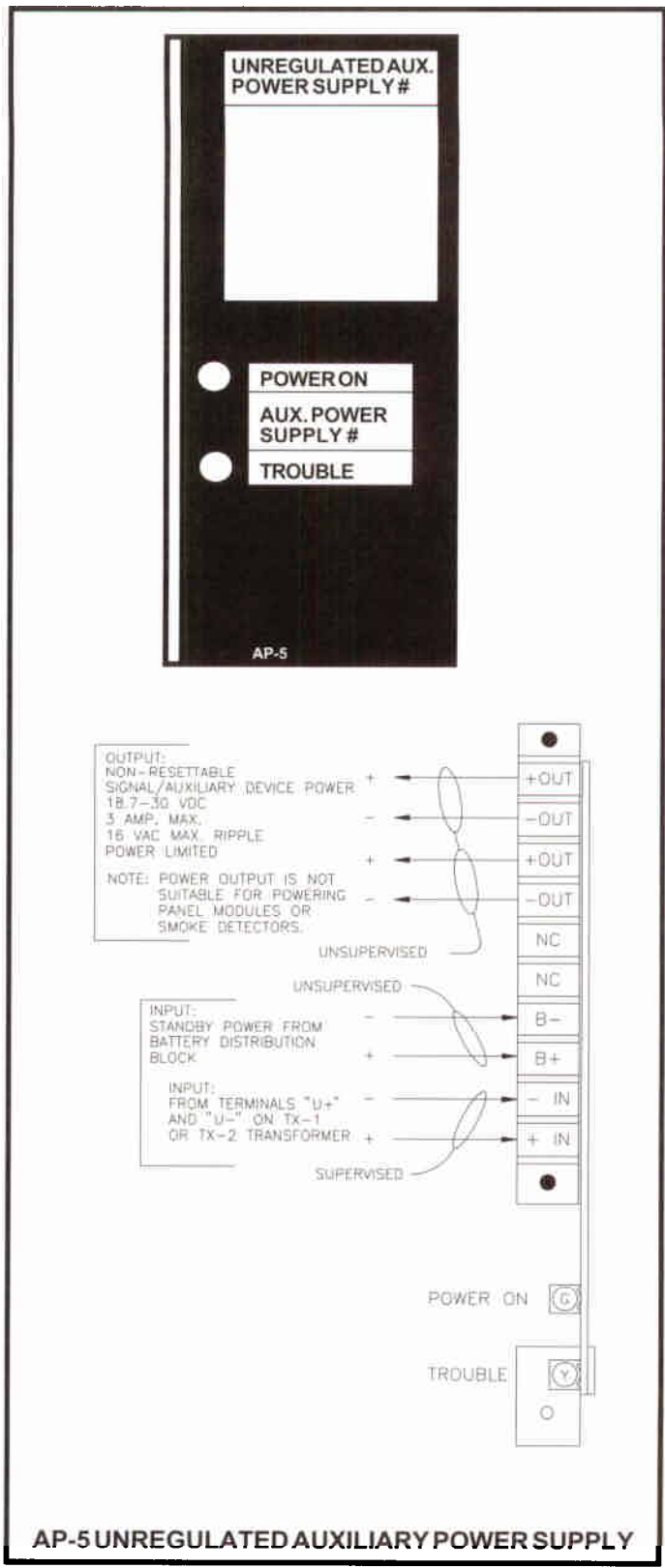
The AP-5 auxiliary power supply module provides a battery backed means of supplying up to 3.0 Amp. @ 24VDC of unfiltered, unregulated and non-resettable system operating power for the MPC-2000. This power is provided for system signaling and auxiliary function devices.

## DESCRIPTION

The primary function of the AP-5 auxiliary power supply module within the MPC-2000 control unit is to provide operating power to the signaling devices attached to the control unit. An alternative function would be to provide power for operating other auxiliary devices (i.e. remote relays, door holders, etc.). The AP-5 module also provides for access of the system's stand-by battery set for powering the above functions during a primary power fault condition. System "brown-out" slave circuitry is built into the AP-5 module. The AP-5 module must be supplied with unfiltered raw operating power from 1/2 (unfiltered ckt.) of a TX-1 power transformer or 1/2 of a TX-2 power transformer. The AP-5 module provides front panel visible indications for "power-on" (green LED) and "trouble" conditions (yellow LED).

## TECHNICAL DATA

- Power Provision:** 3.0 Amp @ 24VDC unfiltered, unregulated, power limited and non-resettable
- Power Consumption:** 3.0 Amp @ 19.1-30VDC unfiltered from 1/2 TX-1 or TX-2 (U+, U-) transformer  
Alarm .035 Amp @ 24VDC  
Standby .035 Amp @ 24VDC
- Space Consumption:** (1) Module space
- Channel Consumption:** (1) Module on the miscellaneous channel



## ORDERING INFORMATION

Model #	Part #	Description
AP-5	401382	Unregulated Auxiliary Power Supply

**WARNING** - The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information, are provided with the product and are available from the Manufacturer. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact the Manufacturer.