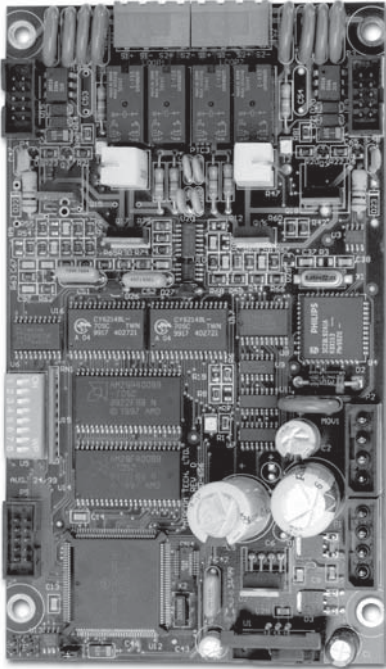


INTELLIGENT ADDER LOOP CONTROLLER MODULES

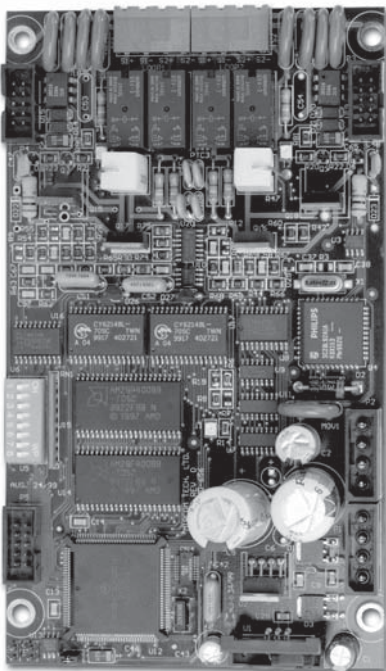
The FX-2000 Intelligent Analog Fire Alarm Control Panel can be expanded with adder Analog Loop Controller Modules and/or adder Hardwire Loop Controller Module.

There are two adder Analog Loop Controller Modules which support either one or two analog loops. The Hardwire Loop Controller Module supports up to 16 conventional adder modules.



ALC-198S Single Intelligent Analog Loop Controller Module

The ALC-198S Single Intelligent Analog Loop Controller Module provides the FX-2000 with the ability to communicate with analog addressable initiating devices and control points. The ALC-198S provides an additional single analog loop to the FX-2000 consisting of 99 Analog Sensors and 99 Addressable Modules which can be wired in Class A (Style 6 or 7) or Class B (Style 4). The analog loop monitors the sensitivity of all connected analog smoke sensors and is equipped with programmable alarm verification to provide greater immunity to false alarms. The ALC-198S occupies one module slot in the FX-2000 main or expander chassis.



ALC-396S Dual Intelligent Analog Loop Controller Module

The ALC-396S Dual Intelligent Analog Loop Controller Module provides the FX-2000 with the ability to communicate with analog addressable initiating devices and control points. The ALC-396S Dual Analog Loop Controller Module provides two additional analog loops to the FX-2000 consisting of 99 Analog Sensors and 99 Addressable Modules which can be wired in Class A (Style 6 or 7) or Class B (Style 4). Each analog loop monitors the sensitivity of all connected analog smoke sensors and is equipped with programmable alarm verification to provide greater immunity to false alarms. The ALC-396S occupies one module slot in the FX-2000 main or expander chassis.



S7010



CS813



7165-1477:111
7170-1477:119



313-97-E



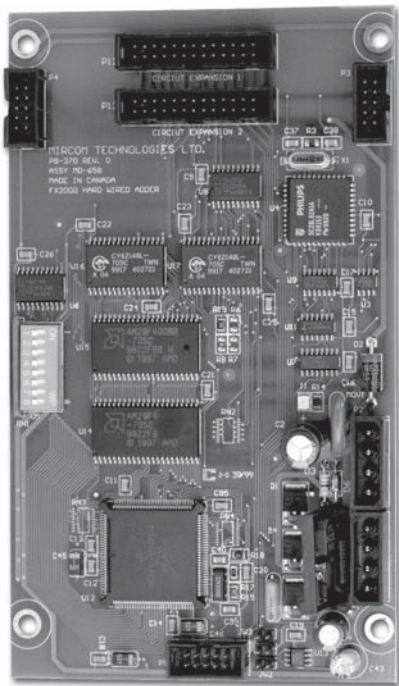
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CATALOGUE NUMBER

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ALC-H16 Hardwire Loop Controller Module

The ALC-H16 Hardwire Loop Controller Module allows the FX-2000 to support an additional sixteen (16) conventional hardwire adder modules. The hardwire modules consist of the DM-1008A Eight Initiating Circuit Module, SGM-1004A Four Indicating Circuit Module and the RM-1008A Eight Relay Circuit Module. The hardwire conventional zones indicate on the LCD display in the same manner as an addressable point. These hardwire points can also be programmed to LEDs, zoned by-pass switches and fan damper functions in the same manner as the addressable points. The ALC-H16 occupies on module slot in the FX-2000 main or expander chassis.

Electrical Ratings

ALC-198S

Power Limited: 22 VDC, 400 mA max,
Maximum loop resistance 40 ohms
Current Consumption:
Standby: 35 mA, *Alarm:* 50 mA

ALC-396S

Power Limited: 22 VDC, 400 mA max,
Maximum loop resistance 40 ohms
Current Consumption:
Standby: 35 mA, *Alarm:* 50 mA

ALC-16

Current Consumption:
Standby: 35 mA, *Alarm:* 50 mA

Ordering Information

Model	Description
ALC-198S	Single Loop Intelligent Analog Loop Controller (99 Analog Sensors and 99 Addressable Modules)
ALC-396S	Dual Loop Intelligent Analog Loop Controller (198 Analog Sensors and 198 Addressable Modules)
ALC-H16	Hardwire Loop Controller. Supports 16 Conventional Hardwired Modules.

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