

Mircom ALCN-792MISO/D Isolated Quad Loop Adder Module Owner's Manual

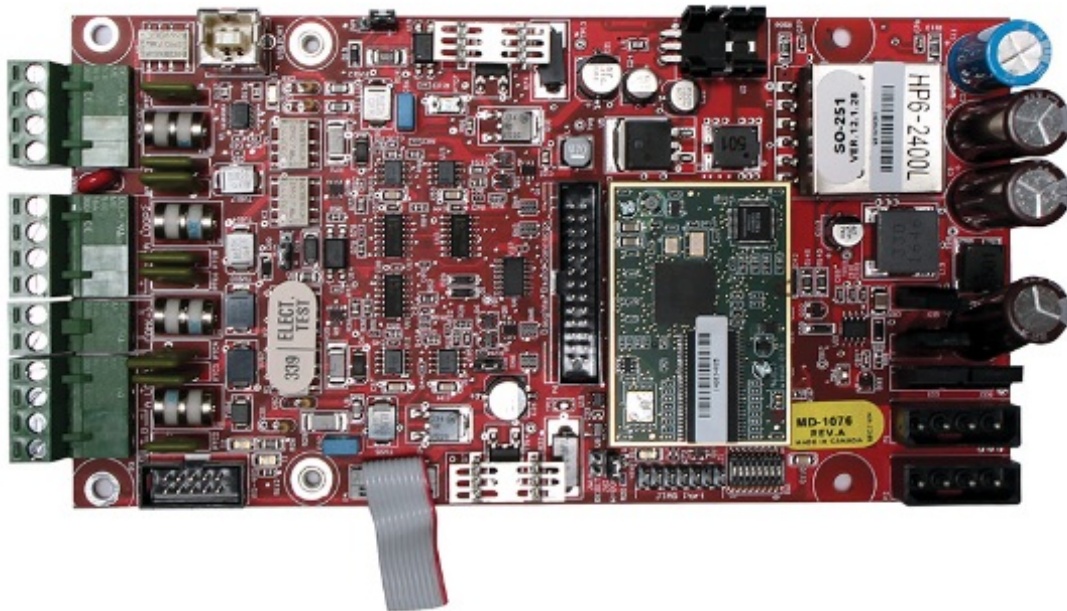
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Mircom ALCN-792MISO/D Isolated Quad Loop Adder Module

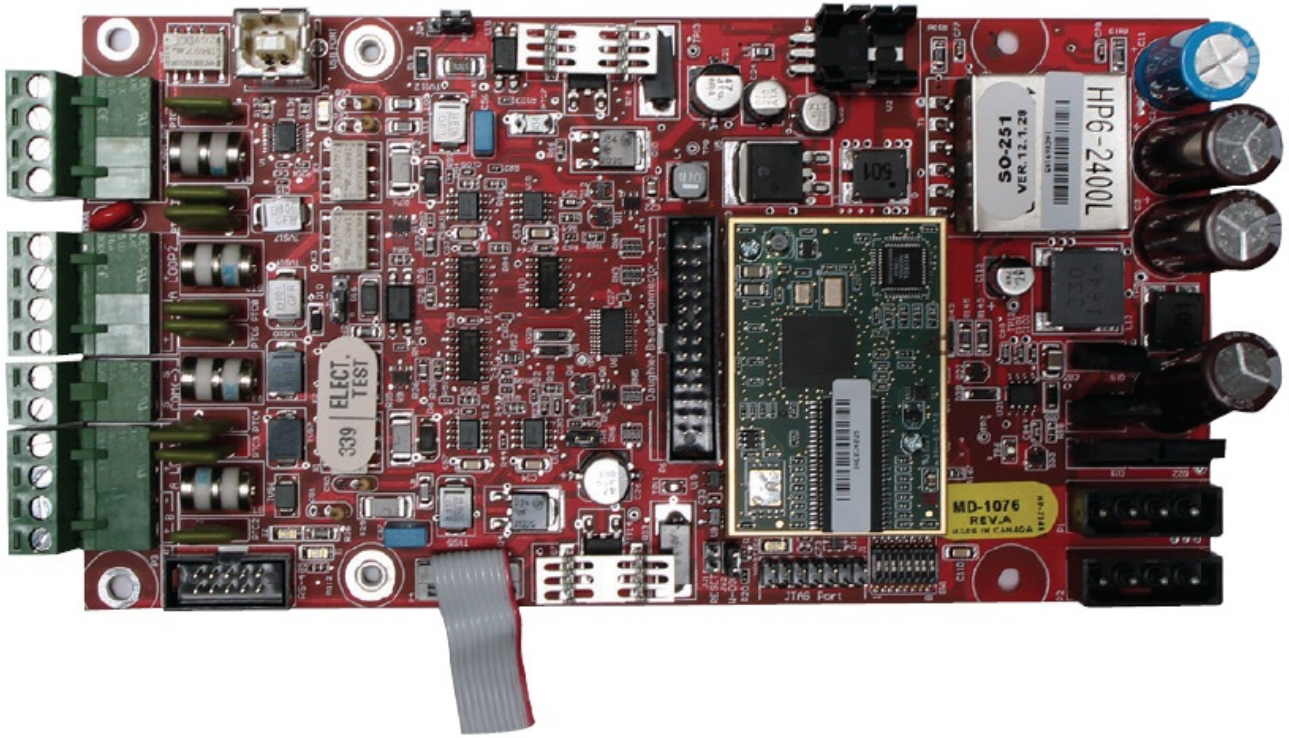


Description

The ALCN-792MISO Isolated Quad Loop Adder Module provides two addressable loops plus an additional two loops as part of the daughter board ALCN-792D which is mounted over the ALCN-792MISO. The quad loop adder module provides Signaling Line Circuits (SLC) to the Flex-Net Addressable Fire Alarm system consisting of 159 Sensors and 159 Addressable Modules per loop.

Each ALCN-792MISO Loop Controller Module has a dedicated Central Processor Unit (CPU) and will support two fully loaded SLC lines which will provide up to 318 addressable devices per SLC line, for a total of up to 636 addressable devices per ALCN-792MISO Quad Loop Controller module.

The ALCN-792MISO occupies one module space on any Flex-Net FX-2000N Series control panel chassis. The ALCN-792D daughter board provides two additional SLC lines for up to 318 addressable devices per SLC line, for a total of up to 1,272 addressable devices per combination ALCN-792MISO with ALCN-792D.

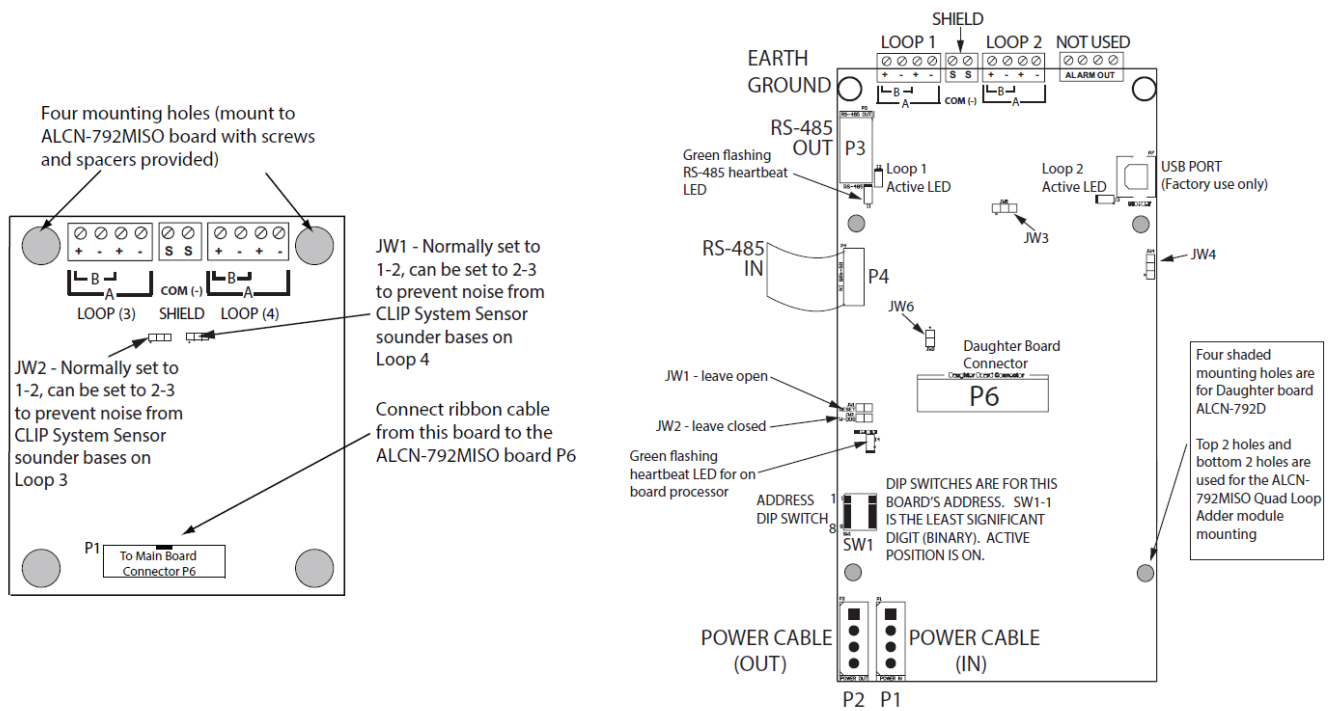


ALCN-792MISO

Features

- Isolated
- Dedicated Central Processor Unit (CPU) per module
- Expands system capacity to 636 addressable devices on 2 loops, 159/159 per loop
- With the addition of the ALCN-792D this expands module an additional 2 loops bringing module capacity to 1272 addressable devices.

Wiring Diagram



ALCN-792MISO with ALCN-792D Electrical Specifications

- Power Limited: 24VDC, 400mA max, 10kHz frequency
Max loop resistance: 40 ohms
- Current Consumption: Standby: 200mA
Alarm: 213 mA
- Notes for ALCN-792MISO :
All circuits are power limited and must use type FPL, FPLR, or FPLP power limited cable.
Loop wiring: maximum loop resistance is 40 ohms total. These lines are power limited and fully supervised.

Refer to wiring instructions in the Network Fire Alarm Manual

Ordering Information

Model	Description
ALCN-792MISO	Isolated Quad Loop Adder Module
ALCN-792D	Daughter Board

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Documents / Resources

	<p>Mircom ALCN-792MISO/D Isolated Quad Loop Adder Module [pdf] Owner's Manual ALCN-792MISO D Isolated Quad Loop Adder Module, ALCN-792MISO D, Isolated Quad Loop Adder Module, Quad Loop Adder Module, Adder Module</p>
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
-  [Mircom - Smart Buildings. Smarter Solutions.](#)