



One Fire-Lite Place  
Northford, CT 06472-1653 USA

203-484-7161  
203-484-1098 Fax

# TECHNICAL BULLETIN

## I300 Isolator Modules

**July 11, 2005**

**Document FLTB05-07-1**

Dear Business Leader:

A problem has been found in the use of I300 loop isolators and either style 6 or style 7 wiring. Under normal circumstances, the FireLite MS-9600 and MS-9200UD panel software supervises the loop in one direction from the A+ and A- terminals to the B+ and B- terminals. When an open or short occurs, the isolators on either side of the open or short will disconnect the wire segment between them. The panel will then begin polling devices bi-directionally from both the A and B terminals and communication will continue. The devices located on the shorted or opened wire segment will report as invalid addresses. The display will report each device address sequentially with an "Invalid Reply" message.

It has come to our attention that the operation described above is not working as intended. During a loop fault such as an open or short, the panel does report a SLC loop open trouble message. However, devices located between the break or open and the "A+" side of the panel will fail to report any detectors in alarm. (See drawings on next page)

To correct this problem, customers are advised to contact tech support to obtain the latest panel software. For the MS-9600 please request version 2.5. For the MS-9200UD, request version 2.3.

Note that the operation has also changed. In previous software versions, the system would constantly check the loop to see if the trouble had been cleared. If cleared, the system would automatically reinitialize the loop. The new version requires the user to perform a manual reset after repairing the short or open.

We apologize for any inconvenience and appreciate your continued business.

Sincerely,



Nick Martello,  
FireLite Marketing Director

