



QuickStart: Ground Fault Detection Issue

Introduction

The purpose of this technical bulletin is to tell you about a ground fault detection issue on QuickStart fire alarm control panels and show you how to resolve it.

Issue

QuickStart fire alarm control panels do not detect ground faults on Signature module input or output circuits when all of these conditions are true:

- The CPU card's microcode version is 2.5
- The SLIC card's firmware version is 1.5
- Mapping is enabled

Ground fault detection for all other system circuits, including the Signature signaling line circuit (loop) are not affected. Other combinations of CPU card microcode and SLIC card firmware do not have this issue.

Note: SLIC card firmware version 1.5 was released on 1/27/2009.

Solution

First, use the following procedure to determine the CPU card microcode and SLIC card firmware versions:

1. Log on to the control panel using the level 3 password.
2. From the Main Menu, choose Reports, and then Revisions.
3. Enter the number of the control panel (01).
4. On the Report Output menu, choose Display to view the report.

If the CPU microcode version is not V02.50.00 then no further action is required.

If the CPU is V02.50.00, scroll down through the report to see if any SLIC card has firmware version V01.50.00.

Second, use the following procedure to disable mapping on each SLIC card that has version 1.5 firmware installed:

1. Log on to the control panel using the level 3 password.
2. From the Main Menu, choose Disable, and then Loop Mapping.
3. Enter the panel-card (PPCC) address of the SLIC card.

Note: Disable mapping after you have finished commissioning the system. You can also disable mapping using the configuration utility.

Our Engineering Team is actively working on resolving this issue. When they do you will be notified in future technical bulletin.

Contacting support

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