

27 Oct 2015

Re: Indications at main display of FX-2000 when employing suite isolators

Dear Sir or Madam:

This letter is provided to clarify the operation of the Mircom CSIS-202A supervised suite isolator when used in conjunction with the signal circuits of an FX-2000 panel serving dwelling units.

The CSIS-202A is a device that will isolate or protect the signal circuits within a dwelling unit from short circuits. This ensures that other suites connected on this common circuit will continue to operate if there is a short within that suite. These devices are wired on a Class A circuit so that a single open within that suite will also not prevent operation of the suite signaling devices.

Because Mircom control panels are designed to protect themselves from driving into a short circuit to prevent damage, the short circuit protection on the panel must be inhibited to enable the short protection inherent in the suite isolators to take over when using these CSIS-202A suite isolators. This is accomplished on the Mircom control panels by shorting out two terminals on the signaling card of the FX-2000.

As a consequence of this inhibiting of the short circuit protection at the panel and enabling the short circuit protection of the isolator, the panel will indicate an open circuit trouble on the suite isolator driven circuits during an alarm condition.

This is a normal operating function of our FX-2000 fire control panel. This operation has no effect on the proper signaling during alarm or fire drill conditions. This notification will clear once the panel has been reset and the panel returns to normal.

Hopefully, this clarifies the proper operation and indications of the FX-2000 panel when used in conjunction with the CSIS-202A suite isolators. Please feel free to contact me if further clarification is required.

Sincerely,



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