MGC ™
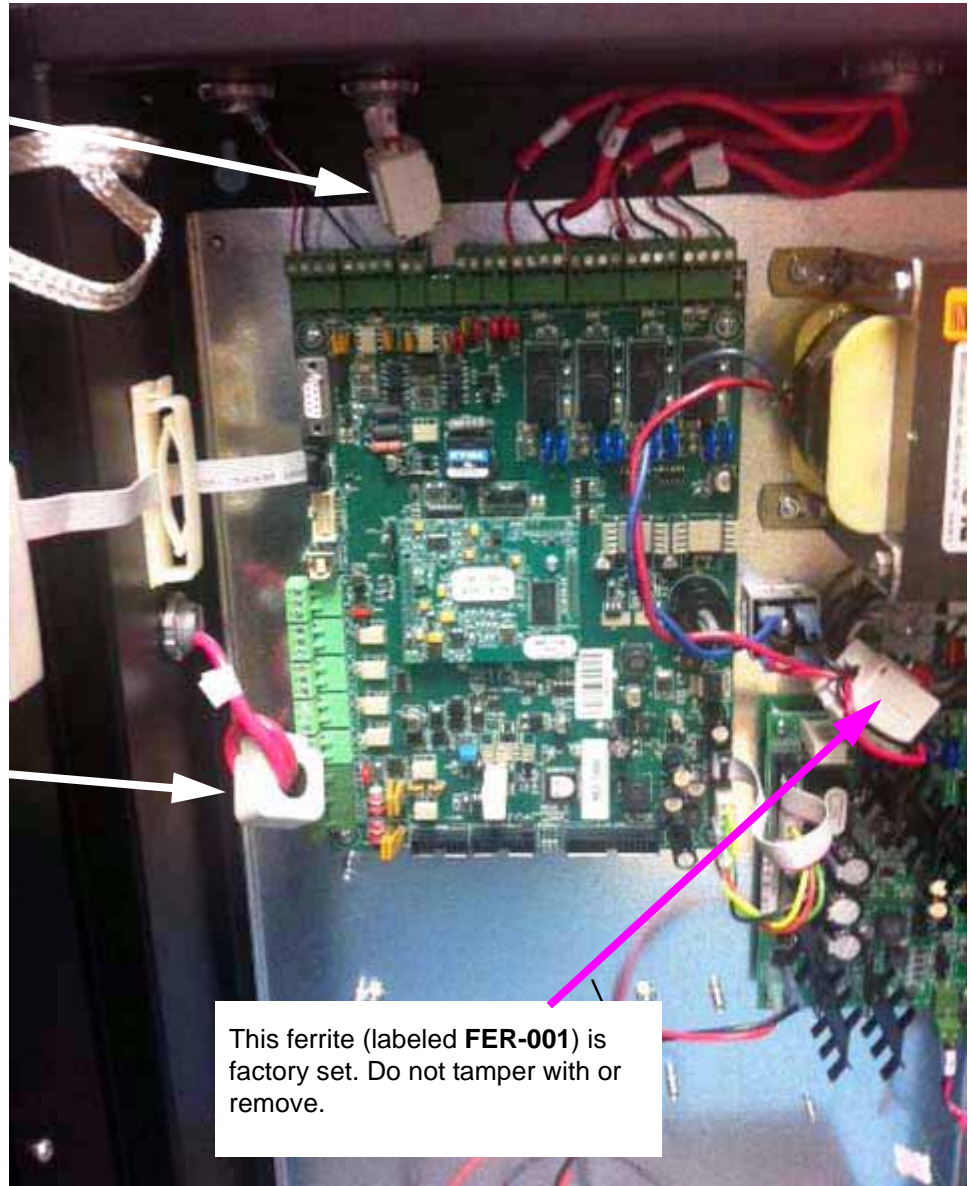
Ferrite Locations

Two ferrites are required to be mounted on the wires coming from the loop terminals and the auxiliary power terminals.

Refer to picture below, of the FX-3500/RCU main fire alarm board (mounted inside the BBX-1024DS(R) enclosure).

Ferrite labeled **FER-002** is used to loop Aux 1 and Aux 2 wires if used. The wires coming out of the Aux 1 and Aux 2 terminals (if used) are fed through the ferrite **FER-002** and out (NO LOOPING).

Ferrite labeled **FER-003** is used for Loop 1 wires as shown here. The wires coming out of the SLC (Loop 1) on the main board are fed through the ferrite **FER-003** and looped around once and out the ferrite as shown in this photo.

This ferrite (labeled **FER-001**) is factory set. Do not tamper with or remove.

i **Note:** Ferrites must be connected as stated for adherence of FCC Rules.

ALC-636 Dual Loop Adder Module

If an ALC-636 Dual Loop Adder Module is used with the FX-3500 or FX-3500RCU, one ferrite is required for each loop. The two ferrites are packed with the ALC-636. Place the wires coming out of Loop 1 through the ferrite and loop around the ferrite once and back out to connect to devices. If using Loop 2, also place the wires coming out of Loop 2 through the second ferrite and loop wires around the ferrite once and back out to connect to devices.