

SERVICE BULLETIN

BULLETIN NUMBER: SB-0041
REVISION: 1-0-0
DATE: AUG-2009

PRODUCT DESCRIPTION: CI-BC-4E Clear / Secure switching while in Local mode – CI-BC-4E base control module

DE REFERENCE / ECO: CO 6320

PRODUCTS AFFECTED: CI-BC-4E-00 with switch (PCB 50139-02)

SYMPTOMS: MT-4E Transmitters with an encryption module installed will not switch to secure mode when Local control is enabled.

CAUSE: The clear / secure line is missing the required pull-up voltage.

SOLUTION: Add pull-up circuit to clear / secure lines to TXA / TXB.

PARTS REQUIRED: 1150-4A1002FP, RES., SM, 10K0 0805, 1%, 100ppm (x2)
22 AWG wire approximately 7 cm in length (x2)

PROCEDURE: Connect one wire jumper from front panel SW5 Pin 3 to J64 on main PCB top and another wire jumper from front panel SW6 Pin 3 to J65 on main PCB top (see Figure 1). Also replace R151 and R152 (see Figure 2).

WERE 1150-3A1001FP, RES., SM, 1K00 0805, 1%, 100ppm
NOW 1150-4A1002FP, RES., SM, 10K0 0805, 1%, 100ppm

REVISION HISTORY:

Revision	Date	Description
1-0-0	Aug 2009	First Release

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ADDITIONAL INFORMATION

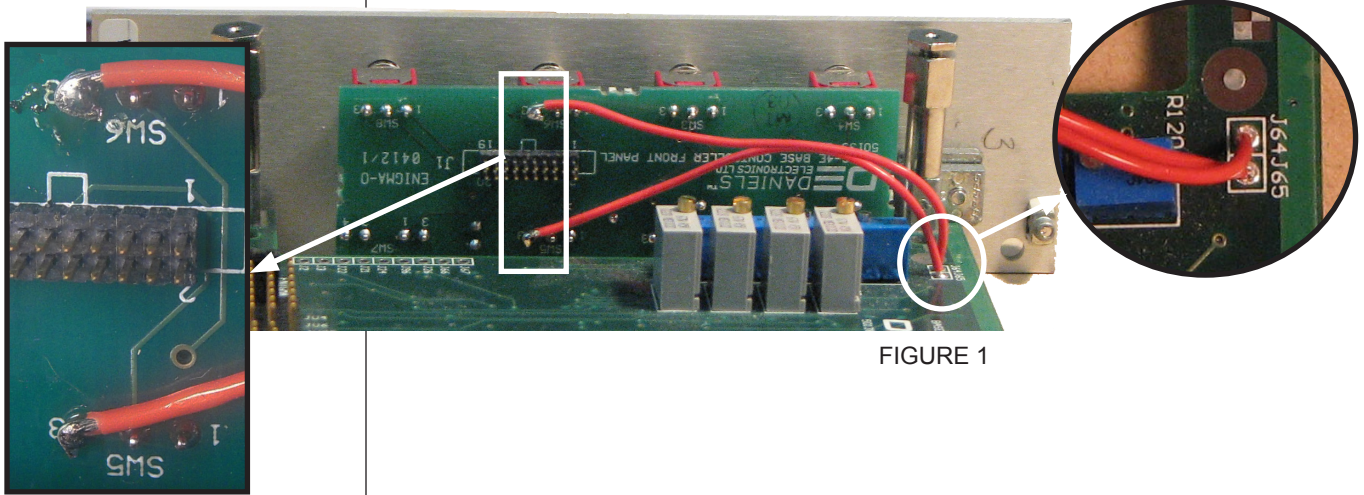


FIGURE 1

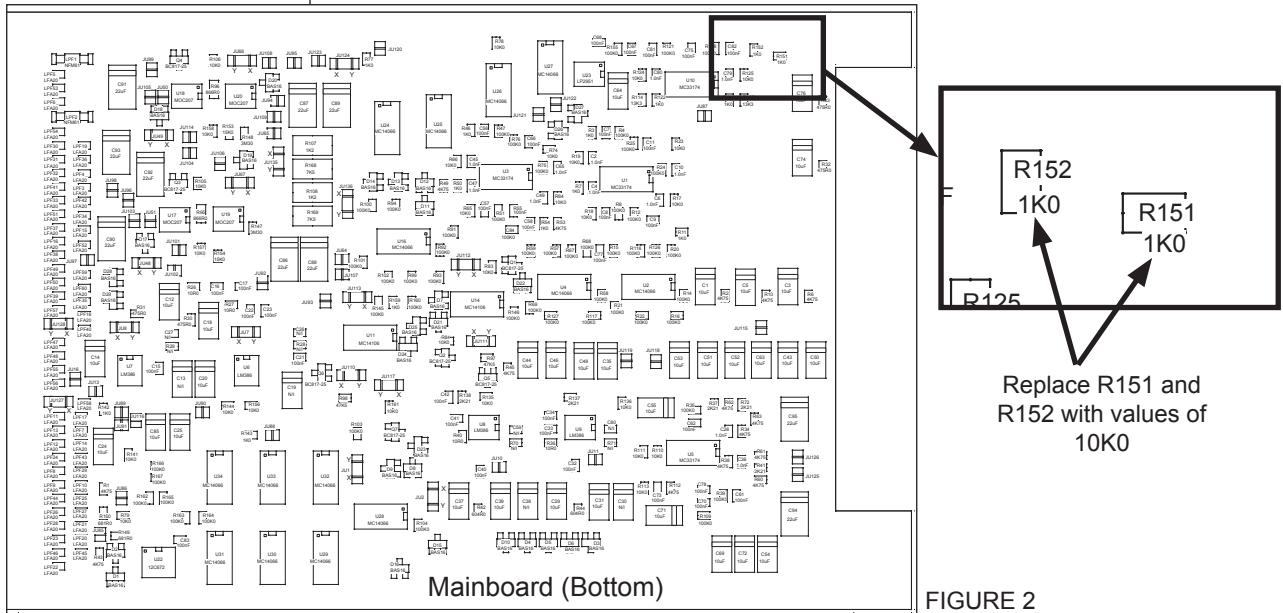


FIGURE 2

CAUTION: Surface mount components should not be removed or replaced using an ordinary soldering iron. Removal and replacement of surface mount components should be performed only with specifically designed surface mount rework and repair stations complete with Electrostatic Discharge (ESD) protection.

RETURN REQUESTS: To obtain an RMA number and shipping instructions, please contact the service department at 1-800-664-4066 or service@danelec.com.