



3G4010CF to LE4010CF upgrade instructions

Use these instructions in conjunction with the *LE4010CF Installation Manual*.

Caution: Only service personnel can replace the 3G4010CF PCB.

Installation

To remove the 3G4010CF PCB and install the LE4010CF, you must complete the following procedures.

Disconnecting the PCB wiring

To disconnect the PCB wiring, complete the following steps:

1. Remove the AC power from the PS4085.
2. Disconnect the red and black battery leads from the PS4085.
3. Disconnect all wires from the 3G4010 terminals.
4. Disconnect the GSM antenna from the PCB jack.
5. Remove the GSM antenna and antenna cable from the enclosure.

Replacing the PCB

To replace the PCB, you must remove the 3G4010CF PCB and then mount the LE4010CF PCB.

To remove the 3G4010CF PCB from the enclosure, complete the following steps:

1. Remove the screws from the corners of the 3G4010CF PCB.
2. Use needle nose pliers to squeeze the top of each of the standoffs that are located at the four corners of the board. At the same time, gently lift the PCB to release each standoff.

To mount the LE4010CF PCB in the enclosure, complete the following steps:

1. Align the standoffs with the standoff holes and apply pressure to the corners of the PCB next to the standoff mounting holes.
2. Replace the screws in the corners of the LE4010CF PCB where there are no standoffs.

Caution: Do not apply pressure to the center of the PCB, or any of the components.

Installing the antenna

To replace the 3G antenna with the new LTE antenna, complete the following steps:

1. Connect the LTE antenna cable to the PCB. For more information, see **Figure 1**.
2. Insert the antenna into the enclosure.

Replacing the SIM card

When you upgrade to the LE4010CF you need to deactivate the old SIM card and activate the new one.

Deactivating the old SIM card

To deactivate the old SIM card, contact your Connect 24 master reseller, or complete the following steps:

1. Log on to the Connect 24 website.
2. Open the account associated with the old SIM card.
3. Select **Deactivate**.

Activating the new SIM card

To activate the new SIM card, use the Connect 24 website or mobile site.

Reconnecting the wiring

To reconnect the wiring, complete the following steps:

1. Reconnect all the wiring that you removed when disconnecting the PCB wiring. For more information, see **“Disconnecting the PCB wiring”**.
2. Reconnect the red and black battery leads to the PS4085.
3. Turn on the AC power to the unit.

If the installation is successful, the red LED is on, the blue LED is off, and the signal strength LEDs display the average signal strength, indicating the unit is establishing a connection to get its programming from the network. This can take several minutes. Refer to the *LE4010CF Installation Manual* if the red LED starts to flash on its own.

Replacing the labels

To replace the product labels, complete the following steps:

1. To replace the information label on the inside of the enclosure, select the information label with the matching model number and place it over the information label.
2. To replace the approvals label on the outside of the enclosure, select the corresponding approvals label and apply, by covering the top half of the approvals label. The bottom half contains the manufacturer's name, and the UL and ULC marks. This information must remain visible. For more information, see **Figure 2**.
3. Cover the 3G logo or model name on the front of the enclosure with the provided LTE label.

Note: In order to remain compliant with regulatory approvals you must replace the labels.

Figure 1: Identification of parts

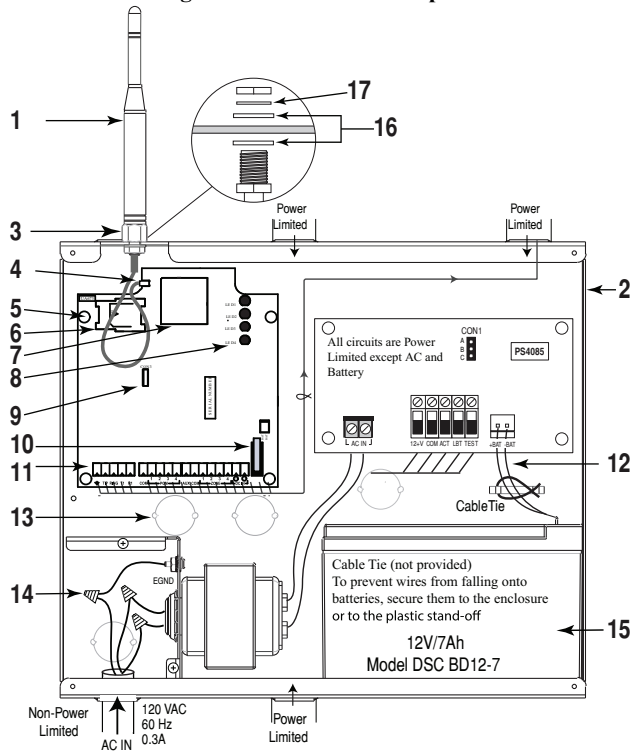


Table 1: Identification of parts

Item	Description	Item	Description	Item	Description
1	Antenna	7	3G (HSPA) or LTE radio module	13	Cable entry
2	Metal casing	8	Status LEDs	14	Earth ground wire
3	Antenna mounting hardware	9	PC-link connector	15	12 V battery
4	Antenna connector	10	Tamper switch	16	Plastic washer
5	Anchor screw holes (3 mm)	11	Terminal blocks	17	Brass washer
6	SIM card holder	12	Battery leads		

Figure 2: Replacing the approvals label

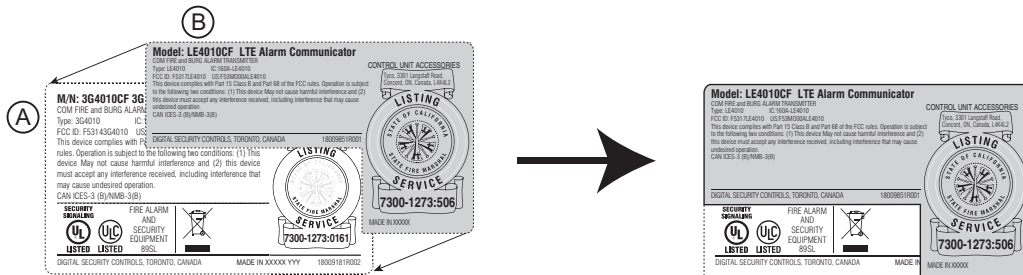


Table 2: Replacing the approvals label

Item	Description	Item	Description
A	Old approvals label	B	New approvals label



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