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GEM-ACM1D TAMPER INSTALLATION INSTRUCTIONS ADDENDUM

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UL installations require front and back tamper switches to be installed in the GEM-ACM1D. Use a GEM-TAMPERKIT and install the switches into the GEM-ACM1D housing as detailed below:

Wire the Tamper Switches. To ease installation, wire the tamper switches before mounting. Wire the switch terminals between terminal 11 (+ Tamper) and terminal 12 (- Tamper) in series, as follows:

1. Wire from GEM-ACM1D terminal 11 to terminal "A" on *Wall Removal* tamper switch.
2. Wire terminal "B" to terminal "C" on the *Cover Door Tamper* switch (see illustration below).
3. Connect terminal "D" to GEM-ACM1D terminal 12.

Note: When wiring, be sure to have at least 1/4" between the tamper wires, the flying battery leads and the wires that attach to the GEM-ACM1D terminals 1 and 2. In addition, cut jumper J1 to enable tamper.

Install Tamper Switches. Mount each switch using three "6-32 x 7/8" screws (supplied). **Note:** Each GEM-TAMPERKIT is furnished with two tamper switches, six machine screws and one self-tapping screw to pre-tap the mounting holes.

1. **Wall Removal Tamper:** For a tamper alarm upon removal of the enclosure from the wall, install one switch on the left side wall (within the bracket cutout) with the switch button *through the hole in the rear wall* (see illustration below).
2. **Cover Door Tamper:** For a tamper alarm upon opening of the enclosure door, install the switch on the right-side wall with the switch button facing the door. (Be sure to alert the user that opening the door will cause a tamper alarm).

Install both switches as follows:

1. Be sure to tap the mounting holes using one of the self-tapping screws (supplied) **BEFORE** installing tamper switches.
2. In PCD-Windows Quickloader Download software, program a bell output on tamper as follows: In the **Keypad Assignment** window, in the **Keypad Reporting and Outputs** tab, select the area (from the drop down list) in which the ACM tamper is located to activate the Burglary output (see screen image below).
3. Place switch over mounting holes and insert mounting screws starting from inside the housing, through the switch mounting holes, and into the housing. Screw heads should be inside the housing.

