AC217 STAND-ALONE KEYPAD
INSTALLATION INSTRUCTIONS

Basic Programming:

1. Enter Programming Mode
Power unit up with (LPJ) jumper in the ON position, remove, replace jumper to OFF position (puts you in the program mode).
Enter "09876#"
New Master Code is 9876.

2. Program User Code
Enter 9876* followed by 1 user ID number (01-99) pin number #
Example: 9876 * 1 01 7412# (this is user 01 with pin number 7412).
User Number from 1 – 99. PIN code 4-8 digits.

3. Set Main Relay Time
Press 40 05 # * . Time (1-999 sec.)

Additional Programming Optional:
Delete User
Enter Master Code * 1 User Number # * . Deletes user.

Change Master Code
Enter Master Code * 0 New Master # * . Master code is changed.

Reset to factory default settings
Enter Master Code * Press 8901# * . Erases all programming except Master Code.

AC217 EXAMPLE PROGRAMMING

Basic Programming:

The following steps will set the AC217 to:
User 02 PIN code 1493
Unlock for 5 seconds

Try the new code: Press 1493#

Programming:

1. Enter 9876* 1 02 1493#
2. Enter 40 05# *

Action
Enters Programming Mode and assigns User 02 the PIN Code of 1493, Master Code is 9876.
AC217 KEYPAD SPECIFICATIONS

Power:
- Operation voltage – 12/24 Volts AC/DC. No jumper needed to set voltage.
- Stand-by current drain – 10mA @ 12VDC
- Active current drain (press keypad key) – Under 30mA.
- Active current drain (relay activated) – Under 80mA.

Outputs:
- Relay output – 5A @ 28VDC. Form "C", NO/C/NC, programmable for 1 to 999 second timed output or shunt (start/stop) output. Three terminals.
- Tamper output – NC output. Connect to tamper circuit of alarm control panel. Two terminals.

Inputs:
- Power – 12/24Volts AC/DC. Two terminals.
- Egress – NO, ground (-). Single terminal.

Code Operation:
- Up to 100 user codes, 10,000 possible user code combinations.
- Max. 10 seconds to enter each digit.
- Max. 30 seconds to enter each code.

SAMPLE WIRING INSTALLATION:

FACTOR DEFAULTS:

<table>
<thead>
<tr>
<th></th>
<th>STATUS</th>
<th>BUZER</th>
<th>LED (Amber)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Code</td>
<td>0000</td>
<td>N/A</td>
<td>ON</td>
</tr>
<tr>
<td>User Code Length</td>
<td>4 to 8 Digits</td>
<td>1 Beep</td>
<td>1 Flash</td>
</tr>
<tr>
<td>Main Relay Output Time</td>
<td>1 second</td>
<td>2 Beeps</td>
<td>2 Flashes</td>
</tr>
<tr>
<td>Wrong Code Lockout</td>
<td>10 attempts – 30 second</td>
<td>5 Beeps</td>
<td>5 Flashes</td>
</tr>
<tr>
<td>Output Activation Announcement</td>
<td>ON</td>
<td>Continuous</td>
<td>Continuous</td>
</tr>
<tr>
<td>User Code Entry Mode</td>
<td>Manual</td>
<td>(Jumper not replaced)</td>
<td>N/A</td>
</tr>
<tr>
<td>Keypress Beep</td>
<td>ON</td>
<td>1 sec beep</td>
<td>1 Flash every 2 seconds</td>
</tr>
<tr>
<td>Silent Operation</td>
<td>OFF</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

MASTER CODE BYPASS (LPJ JUMPER)
If the master code is forgotten or does not work, use the jumper "LPJ" to override the faulty code and permit direct access into the programming mode as follows:
- Disconnect the power supply.
- Move the “LPJ” jumper from OFF to ON.
- Reconnect the power supply. The keypad will start beeping
- Move the “LPJ” jumper back to the OFF position. The keypad will stop beeping as soon as the jumper is removed.
- The keypad is now in the programming mode, ready to receive new programming data.