DORMA ARCHITECTURAL HARDWARE

AC217 STAND-ALONE KEYPAD
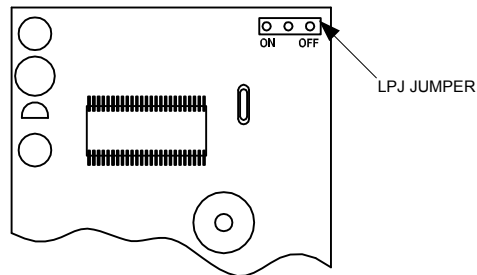## INSTALLATION INSTRUCTIONS

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.

LPJ JUMPER

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.
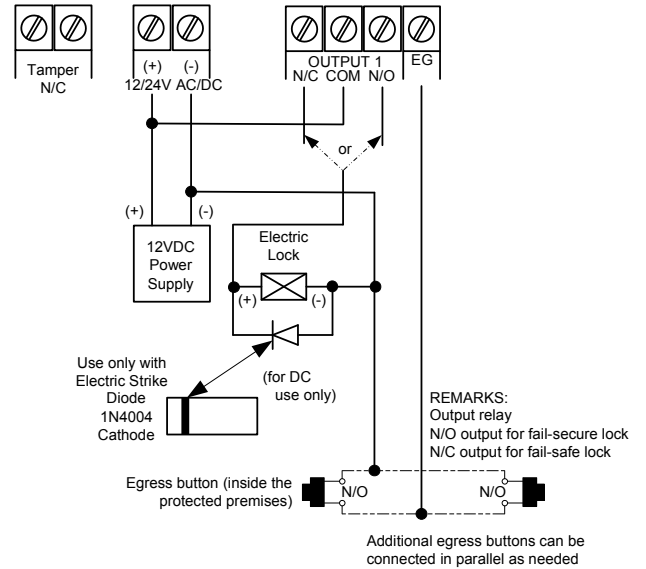- Tamper output – NC output. Connect to tamper circuit of alarm control panel. Two terminals.

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:

FACTORY DEFAULTS:

Master Code	0000
User Code Length	4 to 8 Digits
Main Relay Output Time	1 second
Wrong Code Lockout	10 attempts – 30 second
Output Activation Announcement	ON
User Code Entry Mode	Manual
Keypress Beep	ON
Silent Operation	OFF

STATUS	BUZZER	LED (Amber)
1. Programming Mode	N/A	ON
2. Successful Key Entry	1 Beep	1 Flash
3. Successful Code Entry	2 Beeps	2 Flashes
4. Unsuccessful Code Entry	5 Beeps	5 Flashes
5. Master Code Reset (Jumper not replaced)	Continuous	Continuous
6. In Stand-by Mode	N/A	1 Flash every 2 seconds
7. Output Relay Activated	1-sec. beep	N/A

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.