



# SmartLock Installation Instructions

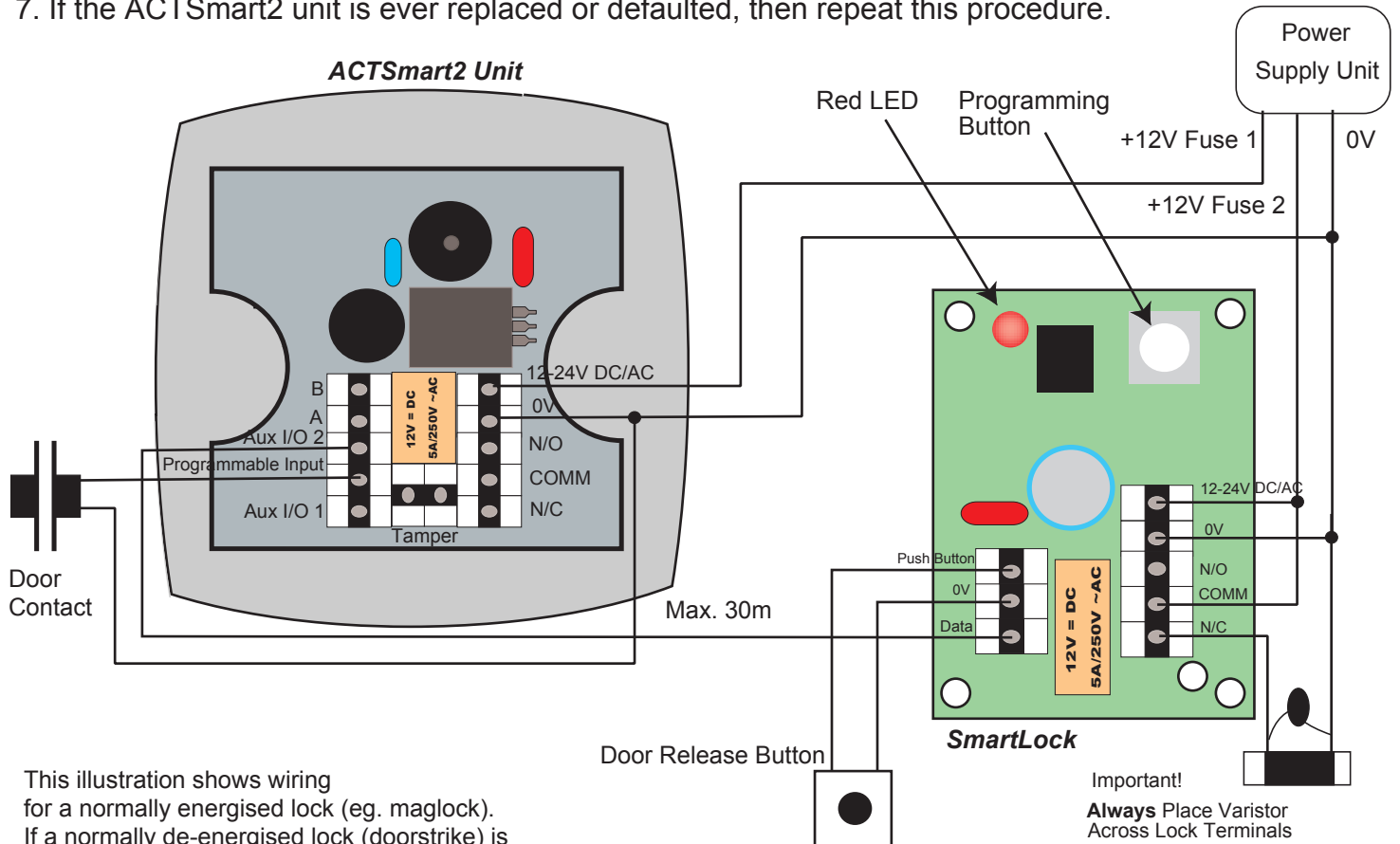
The SmartLock improves the security of ACTSmart2 installations by allowing the installer to locate the lock control relay inside a secure area. The SmartLock learns an ID code from the ACTSmart2 and only operates its' relay when a valid card or PIN is presented to the ACTSmart2. Since the SmartLock is inside a secure area, an attacker has no access to the lock control relay.

## Installation

The normally open door release button should be connected to the SmartLock. When the input is activated, the door will open for the Door Relay Time programmed into the ACTSmart. ACT recommends installing the SmartLock inside the Power Supply Unit. Some PSUs can accommodate the Smartlock directly, otherwise drill holes to suit the SmartLock, (5mm drill bit required). For a Maglock, two fused outputs are required - one fused output for the ACTSmart2 and another for the Smartlock and Maglock. This prevents a short from +12V to 0V on the ACTSmart2 side of the door from deenergising the Maglock. Ensure that the Door Release wires are not accessible to an attacker. The Data line from the SmartLock to the ACTSmart2 must be less than 30m.

## Programming

1. Connect the ACTSmart2 and the SmartLock as in the diagram below and power up.
2. The red LED on the SmartLock will be on steady.
3. Program one of the AUX I/Os on the Smart2 for SmartLock operation. For AUX I/O 2 enter **X** followed by the programming code (default code is 9999) and 5211 **✓ X**.
4. The red LED on the SmartLock flashes every second.
5. Press **and hold** the Programming button until the LED flashes rapidly. The SmartLock is now programmed.
6. **Remember** to change the other AUX I/O and the Programmable Input from Door Release Button. To set the Programmable Input to Door Contact enter **X** then the programming code and 500 **✓ X**. To set AUX I/O 1 to Door Alarm enter **X** followed by the programming code and 5108 **✓ X**.
7. If the ACTSmart2 unit is ever replaced or defaulted, then repeat this procedure.



This illustration shows wiring for a normally energised lock (eg. maglock). If a normally de-energised lock (doorstrike) is required, use the N/O relay contact.

**Note:** A Break-Glass Unit (not shown) is required for Maglock installations.

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