



## Summary

BlueLock automatically detects known Bluetooth devices within a 10m range. If it detects a device it recognizes, it energizes the relay.

## Applications

- Door lock / access control
- Automated lighting control
- Invisible remote control activates automatically in the presence of the cellphone

## Features

- Up to 128 Bluetooth device IDs may be stored
- FCC / CE certified Class II Bluetooth V2.0 radio, 10m range
- Integral antenna
- External push button release connection
- External light/LED indicator connection
- LED indicator of Bluetooth status
- 12V DC supply
- Easy installation via screw terminals
- Easy 'learn' new cellphones process

## Operation

BlueLock can be configured to trigger in one of three operating modes:

- **Auto Mode:** Relay triggers whenever a recognized device is in range. To operate in this mode, connect the jumper SIL1 across pins *a* and *b*.
- **Arrival-Only Auto Mode:** Relay triggers whenever a recognized device comes into range. To operate in this mode, connect the jumper SIL1 across pins *b* and *c*. In addition, it will trigger if a recognized device is present and then the external pushbutton is pressed.
- **Semi-Auto mode:** Relay triggers whenever a recognized device is present and then the external pushbutton is pressed. To operate in this mode, disconnect the jumper on SIL1.

The time delay for which the relay operates may be set between 1 and 255 seconds.

During normal operation, LED D5 will light when a recognized device is present. If an external indicator is connected, it will also light. LED D4 will flash briefly every 10 seconds to indicate correct operation.

*Care must be taken if this product is used to switch mains voltages. High voltages must NOT be present unless the case is shut.*

Various settings may be adjusted using jumper switches inside the unit. When not in use, the jumpers may be 'parked' by placing them over one pin only, so no connection is made.

## Ordering Information

<b>Table 1. Ordering information</b>	
<b>Part No</b>	<b>Description</b>
BLUELOCK	BlueLock Access Controller

Manufactured to ISO9001:2000

