

LockIT Electric Bolt Locks are a range of locks which can be operated by DC Voltage. Designed for Security and Access Control and access control systems. Users can match their requirements with a wide range of models based on different sizes and operating modes.

Bolt locks are suitable for bidirectional doors (doors that open on both sides) and offer higher security compared to similar-sized Electromagnet (EM) locks. Bolt locks are available in both recessed and external mountings and can be used to replace traditional door locks. Few models also include inbuilt activation delay timers and feedback outputs. The bolt rotates freely, making attempts to tamper or cut extremely difficult.

These locks can be activated using an access system controller, microcontroller, PLC, etc . Use a relay or MOSFET to activate the lock from a microcontroller/PLC. Suitable for use in interior doors, cabinets, entrance doors, etc. They are popular in access control applications, home automation, office/industrial automation, etc.

## Features

- Electric Lock that works on DC Power
- Bolt Locks provide higher security compared to electromagnetic EM Locks
- Time Delay Adjustment - On door close, lock activates after a preset interval of 0, 3 or 6 seconds
- FeedBack Function to detect the door lock status
- Recessed type models for direct replacement of traditional locks
- External mounted models can be installed externally on the door
- Power ON to lock, power off to unlock the door
- High strength material in anodized aluminium housing
- High corrosion resistance construction
- Can be opened by push button, remote controller, etc
- Available in different voltage and size variants for multiple applications
- Bolt is triggered only after detecting metal plate in the door frame. This safety feature prevents the bolt from extending when the door is opened

## Applications

- Can be used in Access Control Systems
- Home Automation Systems
- Door Locks in Commercial Buildings, Warehouses, and Industrial Facilities
- Suitable for all types of door materials - Wooden doors, stainless steel doors, etc
- Fire doors and entrance gates
- Microcontroller / PLC based door locks



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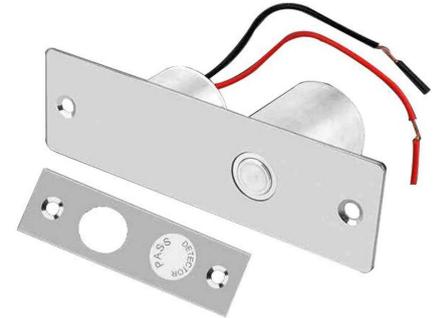
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## 1. Technical Specifications

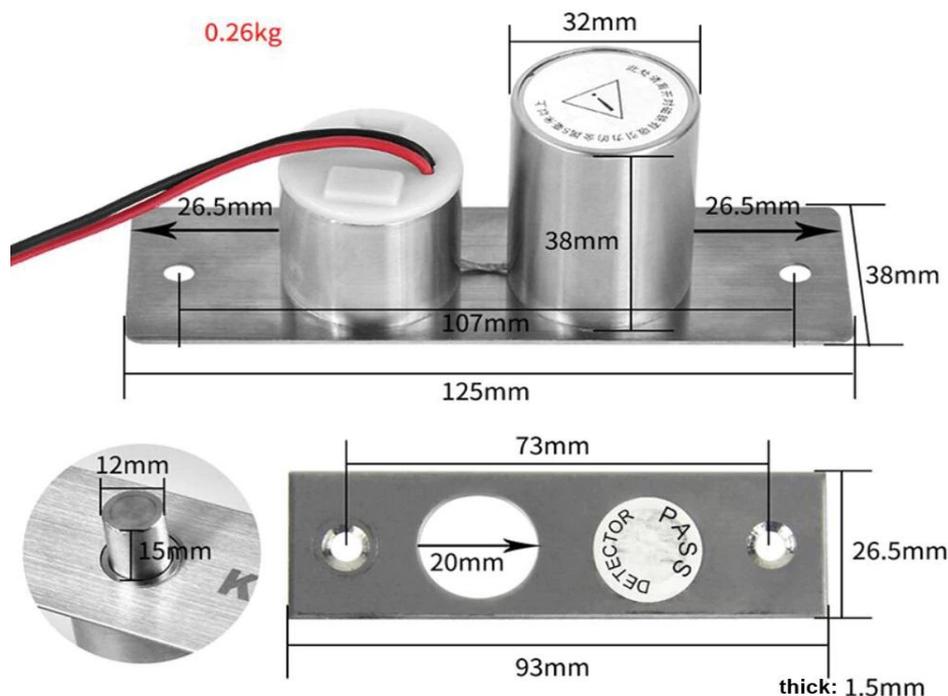
### 1.1 Model LEBL-N-01

LEBL-N-01 is an entry-level solenoid lock designed for cabinets, drawers and small doors. The inbuilt timer is available to activate the lock after a preset interval of - 0, 3 or 6 seconds of receiving the input power. Users can select the desired delay using the inbuilt DIP Switch.

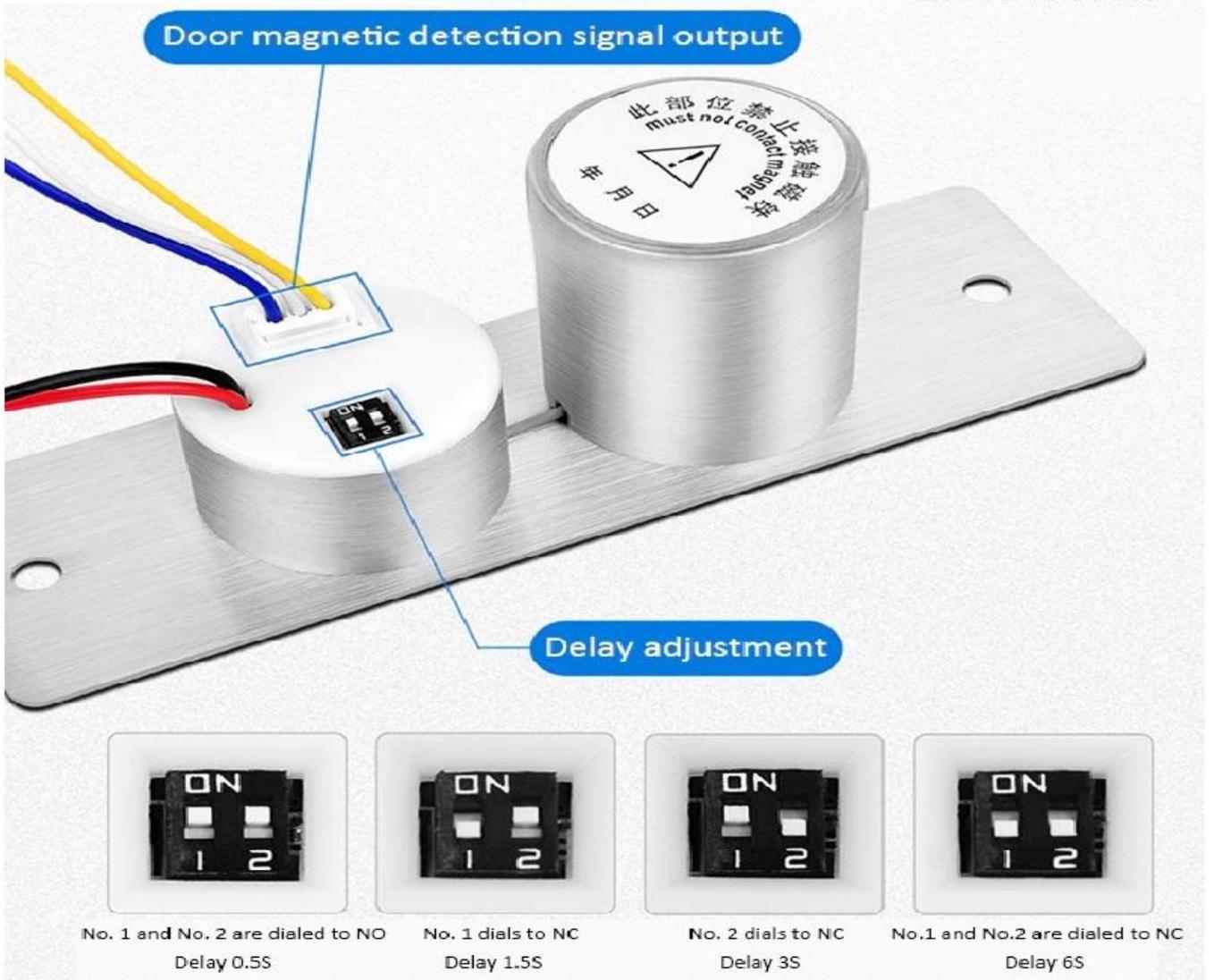
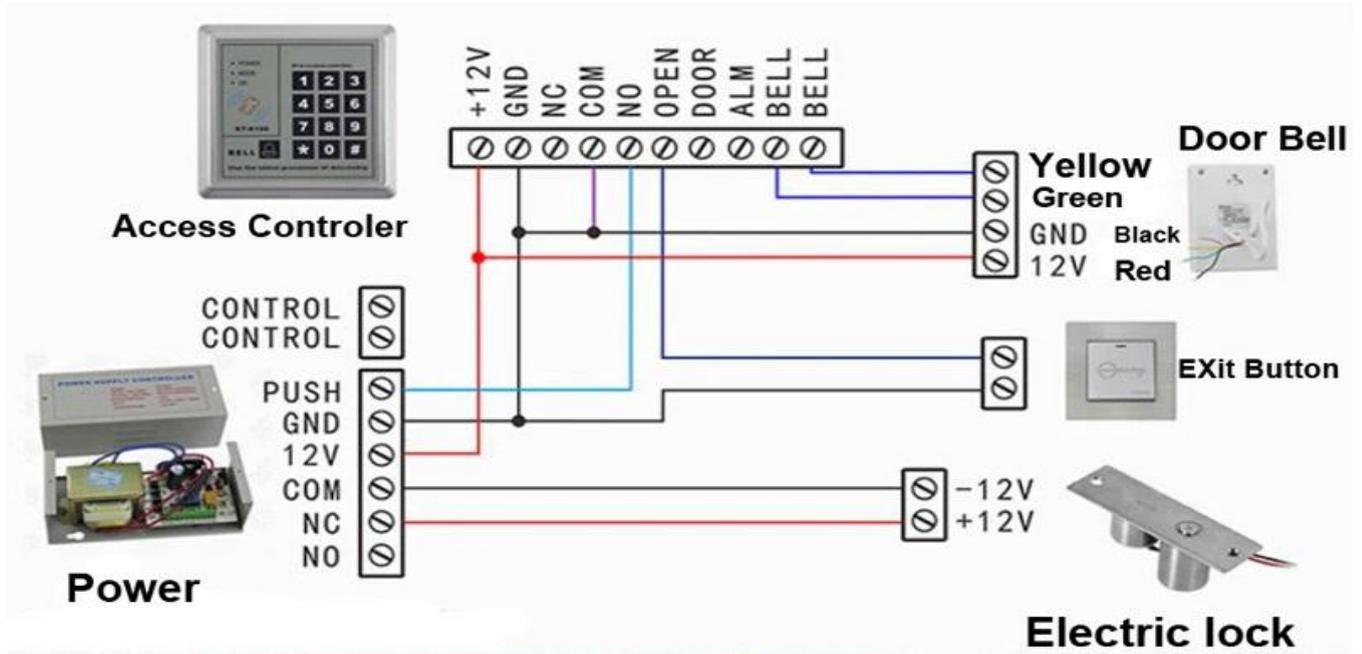
The lock is available in 12V and 24V Models. The lock is also available with and without feedback. Models with Feedback will let users sense the exact lock status - locked/unlocked.



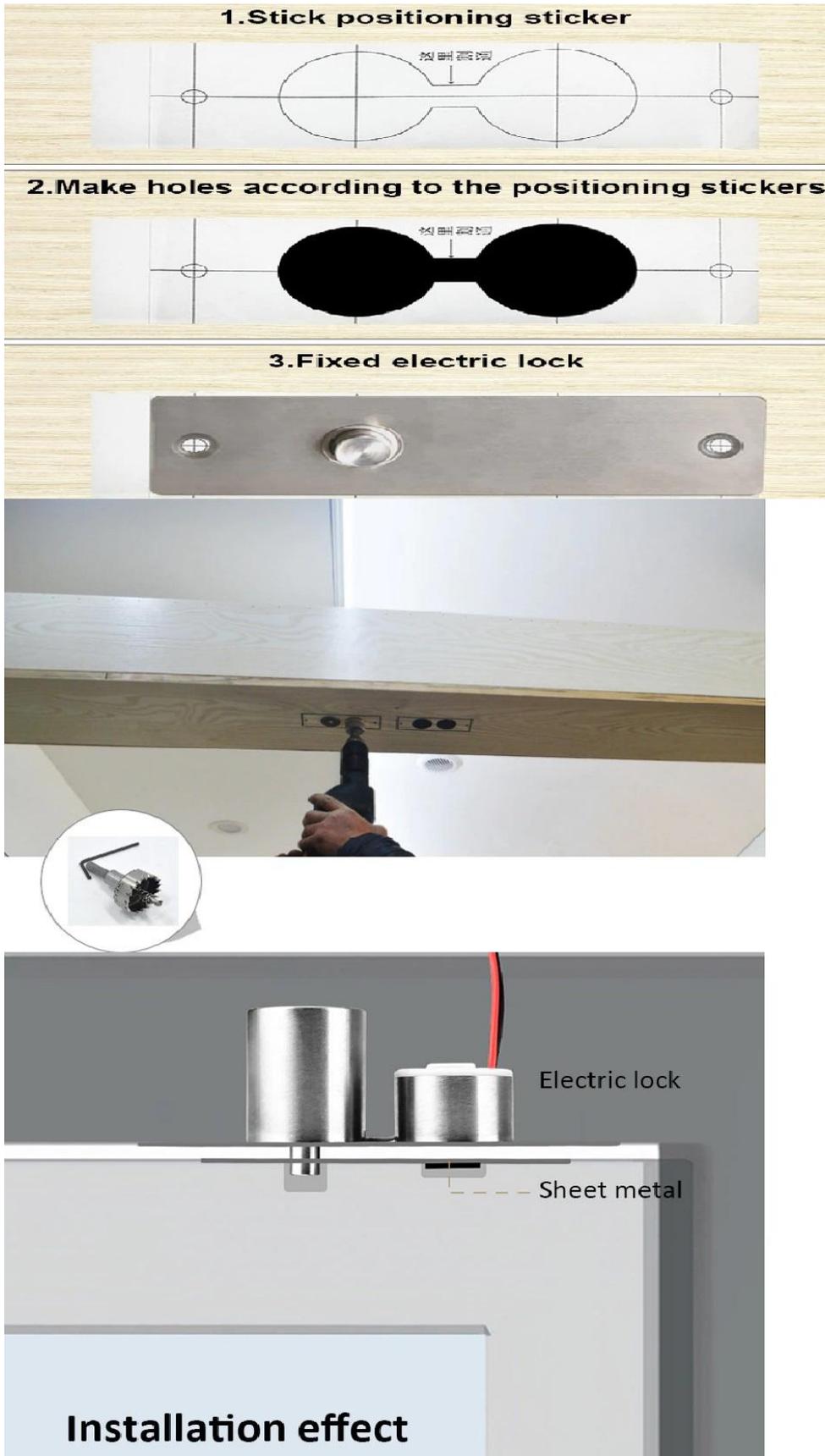
LEBL-N-01 Parameters	Value
Operating power supply	Model <b>LEBL-N-01-12</b> works on 12V DC Model <b>LEBL-N-01-24</b> works on 24V DC
Feedback	Models <b>LEBL-N-01-12F &amp; LEBL-N-01-24F</b> come with Feedback
Lock Type	Failsafe - Remains Unlocked on power off
Current	Starting 1.1A, Steady 0.14A
Lock Design	<b>Recessed Fit inside the door frame</b>
Working mode	Power on Lock and Power Off to Unlock
Operating Temperature	-10 to +50°C
Operating Humidity	0-95% (non-condensing)
Storage temperature	-40 to +55 degree celsius



LEBL-N-01 Electric Bolt Lock Dimensions



LEBL-N-01 Electric Bolt Lock Connections and Time Delay Setting



LEBL-N-01 Electric Bolt Lock Mounting and Installation

## 1.2 Model: LEBL-R-01

LEBL-R-01 is a professional industrial grade solenoid lock designed for cabinets, drawers and large doors. Slim Recessed Design allows for easy installation in existing doors. The inbuilt timer is available to activate the lock after a preset interval of - 0, 3 or 6 seconds of receiving the input power. Users can select the desired delay using the inbuilt DIP Switch.

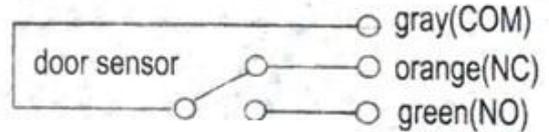
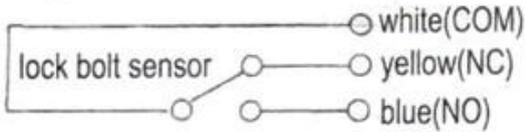
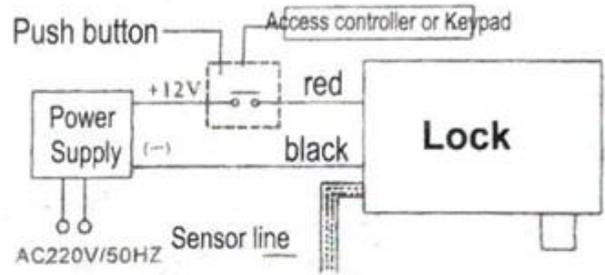
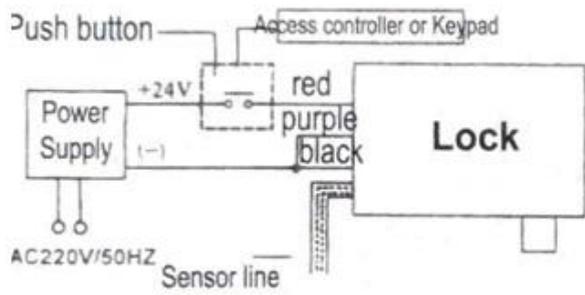
The lock is available in 12V and 24V Models. The lock is also available with and without feedback. Models with Feedback will let users sense the exact lock status - locked/unlocked.



LEBL-R-01 Parameters	Value
Operating power supply	Model <b>LEBL-R-01-12</b> works on 12V DC Model <b>LEBL-R-01-24</b> works on 24V DC
Feedback	Models <b>LEBL-R-01-12F &amp; LEBL-R-01-24F</b> come with Feedback
Lock Type	Failsafe - Remains Unlocked on power off
Current	Starting 1.1A, Steady 0.14A
Lock Design	<b>Recessed Fit inside the door frame</b>
Working mode	Power on Lock and Power Off to Unlock
Operating Temperature	-10 to +50°C
Operating Humidity	0-95% (non-condensing)
Storage temperature	-40 to +55 degree celsius

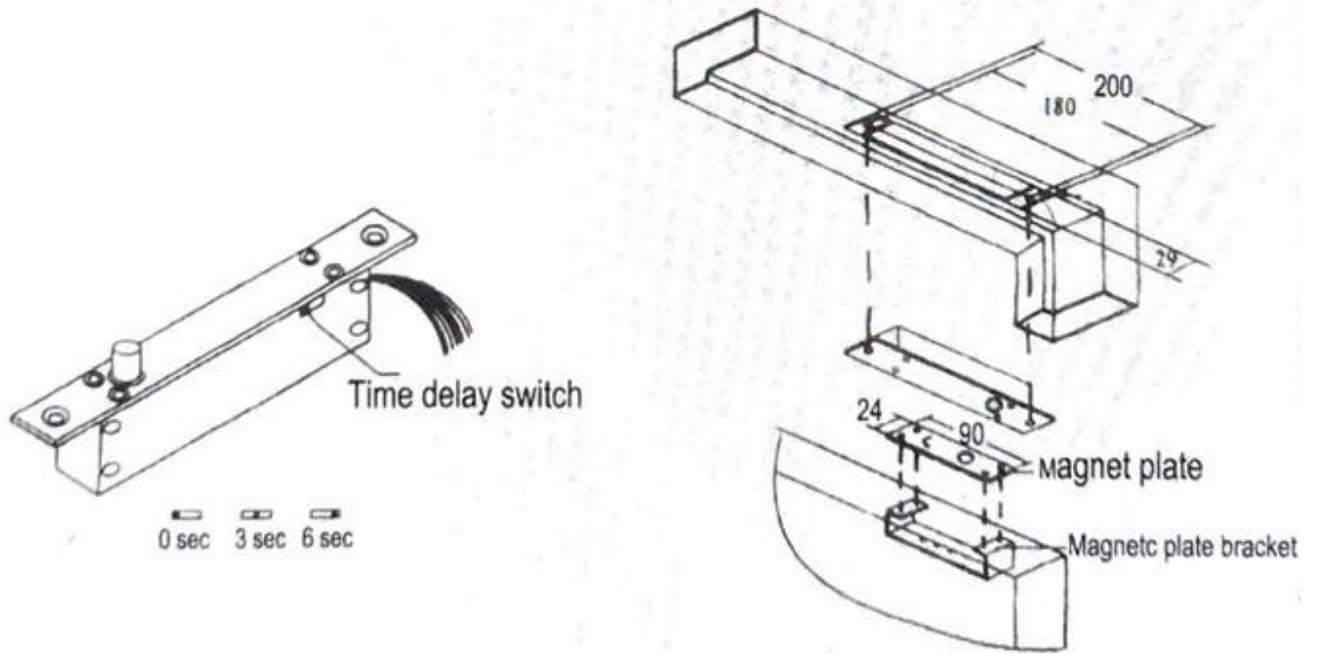


LEBL-N-01 Electric Bolt Lock Dimensions



**Time Delay 0s/3s/6s**

LEBL-N-01 Electric Bolt Lock Connections and Time Delay Adjustment



LEBL-N-01 Electric Bolt Lock Mounting

# LockIT Electric Bolt Lock for Access Control

## 1.3 Model: LEBL-M-01

LEBL-M-01 is a professional industrial grade solenoid lock designed for cabinets, drawers and large doors. Mortise design allows the lock to be easily mounted externally on the door. The lock is available in 12V and 24V Models. The lock is also available with and without feedback. Models with Feedback will let users sense the exact lock status - locked/unlocked. The inbuilt timer is available to activate the lock after a preset interval of - 0, 3 or 6 seconds of receiving the input power. Users can select the desired delay using the inbuilt Slide Switch.



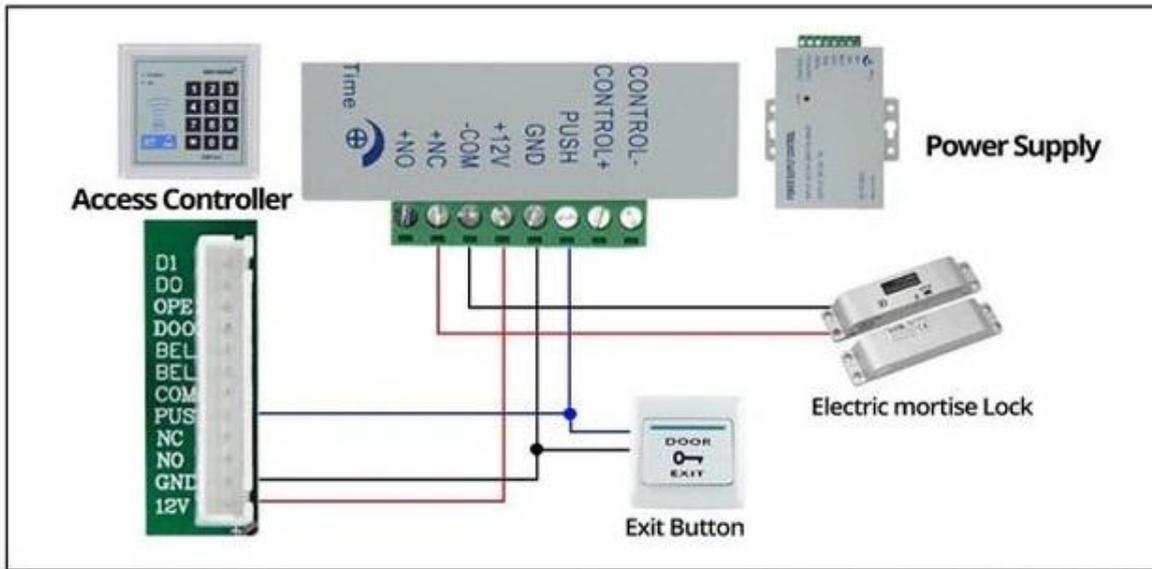
LEBL-M-01 Parameters	Value
Operating power supply	Model <b>LEBL-M-01-12</b> works on 12V DC Model <b>LEBL-M-01-24</b> works on 24V DC
Feedback	Models <b>LEBL-M-01-12F &amp; LEBL-M-01-24F</b> come with Feedback
Lock Type	Failsafe - Remains Unlocked on power off
Current	Starting 1.1A, Steady 0.14A
Lock Design	<b>External Mounting on Door Frame</b>
Working mode	Power on Lock and Power Off to Unlock
Operating Temperature	-10 to +50°C
Operating Humidity	0-95% (non-condensing)
Storage temperature	-40 to +55 degree celsius



LockIT LEBL-M-01 Lock Dimensions

## Wiring Diagram

Red–Power supply(+) White–COM  
Black–Power ground(–) Yellow–NC



With 0 / 3 / 6 seconds time delay adjustable

LockIT LEBL-M-01 Lock Dimensions

## 1.4 Accessories

### Different Types of Electromagnetic locks And Sensors

No	Product Photo	Descriptions
1		<p><b>Mini Solenoid Locks for Cabinets, Lockers and Small Doors</b></p> <p>Available in 6V, 12V and 24V Variants. Ordering Codes &amp; SKU -</p> <ul style="list-style-type: none"> <li>• <a href="#">PRO3308</a></li> <li>• <a href="#">PRO1269</a></li> <li>• <a href="#">PRO2413</a></li> <li>• <a href="#">PRO747</a></li> </ul>
2		<p><b>LockIT Electromagnetic Lock</b></p> <p>EM Locks have no moving parts and are preferred for their long life and easy installation. LockIT has a variety of EM Locks for different applications based on size and holding force.</p> <p>Ordering Codes &amp; SKU -</p> <ul style="list-style-type: none"> <li>• <a href="#">PRO2883</a></li> <li>• <a href="#">PRO3329</a></li> </ul>
3		<p><b>LockIT Electric Lock for Locker and Cabinets</b></p> <p>Available in multiple voltages. Optional Feedback sensor is available to detect door/lock status feedback. Door this thrown open after unlocking like in gym &amp; locker doors.</p> <p>Ordering Codes &amp; SKU - <a href="#">PRO2886</a></p>
4		<p><b>Door Lock Magnet Sensors</b></p> <p>Sensor Switches that detect door open and close states. Can also be used for window, rolling shutters, etc. Used in smart homes, burglar detection, alarms, etc</p> <p>Ordering Codes &amp; SKU -</p> <ul style="list-style-type: none"> <li>• <a href="#">PRO288</a></li> <li>• <a href="#">PRO1566</a></li> <li>• <a href="#">PRO2050</a></li> <li>• <a href="#">PRO2423</a></li> </ul>

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