Anson®
Access Control Systems
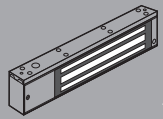
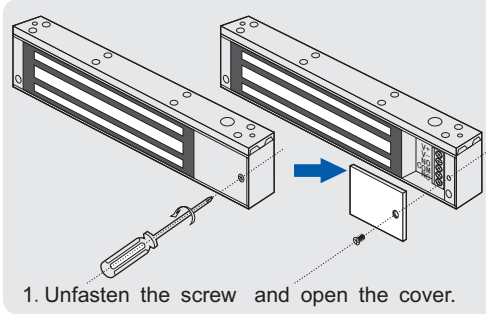# Electromagnetic Lock

User Manual

ASL-3200 Series

Read the manual before usage and keep for future reference.

http://www.ansoncorp.com

CE [BTS] EMC tested [MA]

Installation Diagram of ZL Supporter

Wooden/Metal Door | Door | Indoor

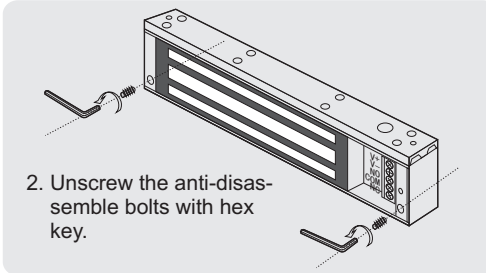## Installation Diagram of UL Supporter

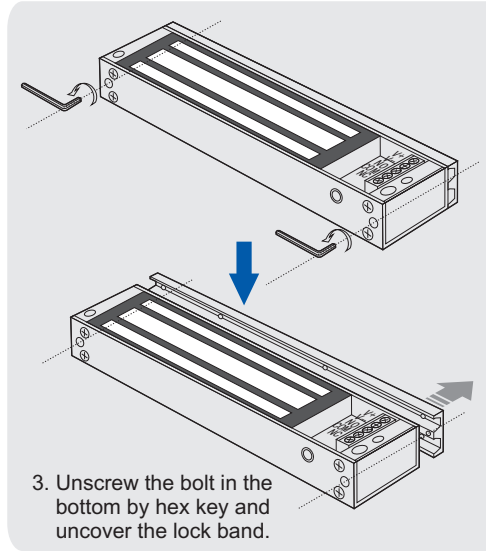Glass Door

Outdoor

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1. Disassemble Procedure

Disassemble the cover and band before installing the lock.

1. Unfasten the screw and open the cover.

2. Unscrew the anti-disassemble bolts with hex key.

2.2 Installation of Suction Plate
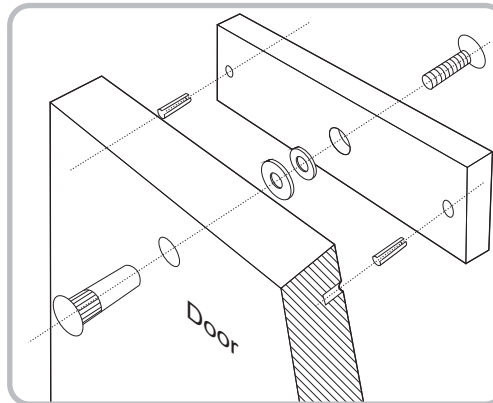
The screw of the suction plate should not be fastened too tightly in order to keep sufficient elasticity of the rubber washer, which in turn enables the self-adjustment of the suction plate.

3.1.Wiring of Lock

3.1 12V-DC input:

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3. Unscrew the bolt in the bottom by hex key and uncover the lock band.
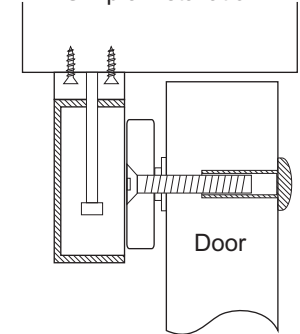
2. Installation procedures

1. The magnetic lock should be tightly fixed on the door frame. The leading suction plate should be installed on the door. The accessories in the in-

Working Current:500mA
Positive pole of 12V-DC connect to the terminal marked with "+"
Negative pole of 12V-DC connect to the terminal marked with "-"
Ensure the Voltage Selector is switched to 12V-DC

3.2 24V-DC input:
Note:
Please use the 12V-DC input if the lock has not special annotate. The overload voltage will damage the lock.
Working Current:250mA
Positive pole of 24V-DC connect to the terminal marked with "+"
Negative pole of 24V-DC connect to the terminal marked with "-"
Ensure the Voltage Selector is switched to 24V-DC

3.3 Wiring of Door-State Detector
The overload current of relay contact is 1amp. when the input is 24V-DC, overload is strictly prohibited.
Connect the normal-open circuit to the COM

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stallation kit can keep the plate roll around its axis and thus prevent door ablation in case of defected installation.
2. Assisting installation diagram should be used with the door closed.
3. Fasten the screw of the lock.
4. The lock is equipped with anti-disassemble bolts, which ensures that the lock can be installed both indoor and outdoor.
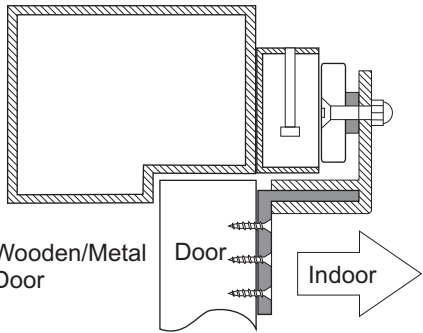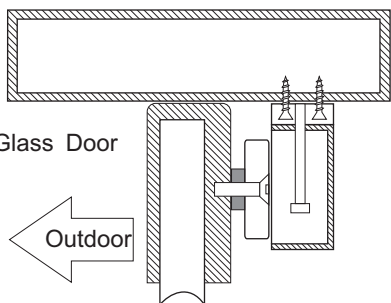
2.1 Installation of the Lock

Simple Installation

Door

Wooden/Metal Door

and NC for getting switch-over signal. But connect the normal-close circuit to the COM and NO for getting switch-over signal.

Connection Diagram

Power	Door Detector Signal
12V DC or 24V DC Input	Normal open circuit，connect to NO & COM. Normal Close circuit, connect to NC & COM.

⚠ Door detect signal & time delay are only available for LED magnetic lock.

Door-Close Delay selection
0s 3s
6s 9s

Voltage Selection
12V DC
24V DC

V+ V- NO COM NC

Sustained Effort for the Better