12V / 24V Magnetic Door Lock 1200lbs – with brackets

Electro-magnetic door locks are the most convenient and effective way to achieve secure access control.
This lock is rated at 1200 pounds holding force, and is supplied with a kit of fixing brackets & armature plate.

Installation

- Select door type from the following pages, use the instructions on each page
- Before you start : check off the contents list to identify the parts you will use
- Also check you have the correct tools to hand



Contents - DSL5501

Item	Qty	Description
1	1	Maglock – 1200 Lbs
2	8	Fixing Screw, No.8 x 1.25" CSK Pozi
3	2	Fixing Screw, No.10 x 0.625"
4	3	Fixing Screw, M5 x 8mm CSK Pozi Replaces fixings on Maglock when L plate is used.
5	2	Anti-tamper pin
6	2	M4 x 6mm CSK Pozi (for anti-tamper pin fixing)
7	1	Armature
8	1	Armature bolt - 35mm long
9	2	Blanking disk for Maglock mounting fixing holes.
10	2	Armature Insert roll pin
11	1	Sleeve nut
12	1	Sleeve nut spacer tube
13	2	Armature bolt spacing washer - steel
14	2	Armature bolt spacing washer - rubber
15	2	Allen Keys – 5mm and 3mm A/F
16	1	Fitting/Drilling Template

Contents - EA340

17	1	"Z" Plate for alternative mounting – 90° Armature Mount
18	1	"Z" Plate for alternative mounting – 90° Angle plate
19	1	"L" Plate for alternative mounting
20	1	Armature bolt - 25mm long
21	4	M5 x 12mm CSK Pozi

This product is supplied with brackets & fixings for most door configurations

DEL1200 Lock

Current Draw	**500mA/12V DC, 250mA/24VDC**
Voltage Selection	via **jumper**
Holding Force	**1200 Lb**
Operational Temp	**-20°C to 60°C**
Approvals	**UL864**
Packed Size	**300 x 190 x 105mm, 6385g**
Lock Size	**266 x 72 x 43mm**

Order Codes for AXS Accessories

MAG LOCKS	
DEL600	Door Lock 600 lbs with brackets
DEL1200	Door Lock 1200 lbs with brackets
DEGL1200	Gate Lock 1200 lbs with brackets
PSU	
DEPSU03	Power Supply in Wall Box, 120V, 6A/12V o/p
SWITCHES	
DEEX010	Remote Exit Switch (IR)
DEEM010	Emergency Override Switch with Siren

Select door type on following pages

FOR SINGLE HINGE DOOR ABOVE DOOR
FOR SINGLE HINGE DOOR INSIDE FRAME
FOR SLIDING DOOR

You will also need

POZI #2 AND #1 SCREWDRIVER , FLAT TERMINAL SCREWDRIVER
5MM HEX BIT DRIVER
THREAD LOCKING COMPOUND

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice

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For more information and to order
www.storm-interface.com



Wiring Connections

12 V Operation

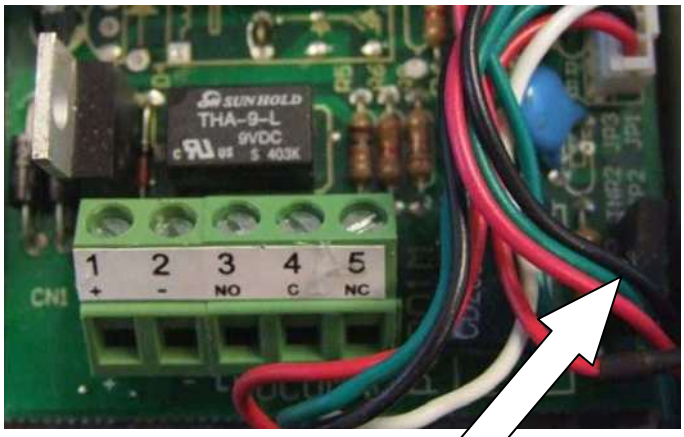
Remove the cover

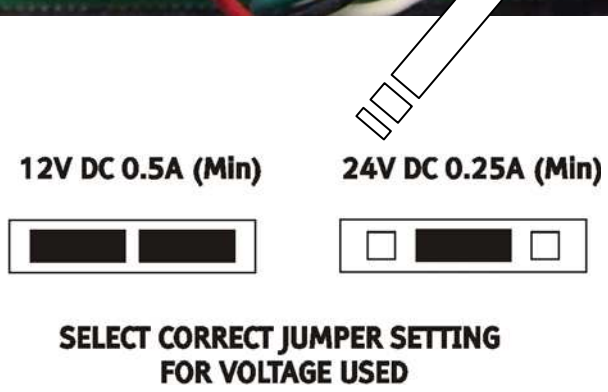
Set the Jumper to 12 V

Connect +12V to terminal 1

Connect 0V to terminal 2

Replace the cover





SELECT CORRECT JUMPER SETTING FOR VOLTAGE USED

24 V Operation

Remove the cover

Set the Jumper to 24 V

Connect +24V to terminal 1

Connect 0V to terminal 2

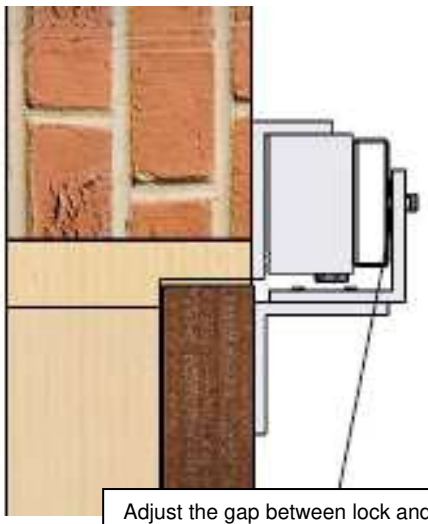
Replace the cover



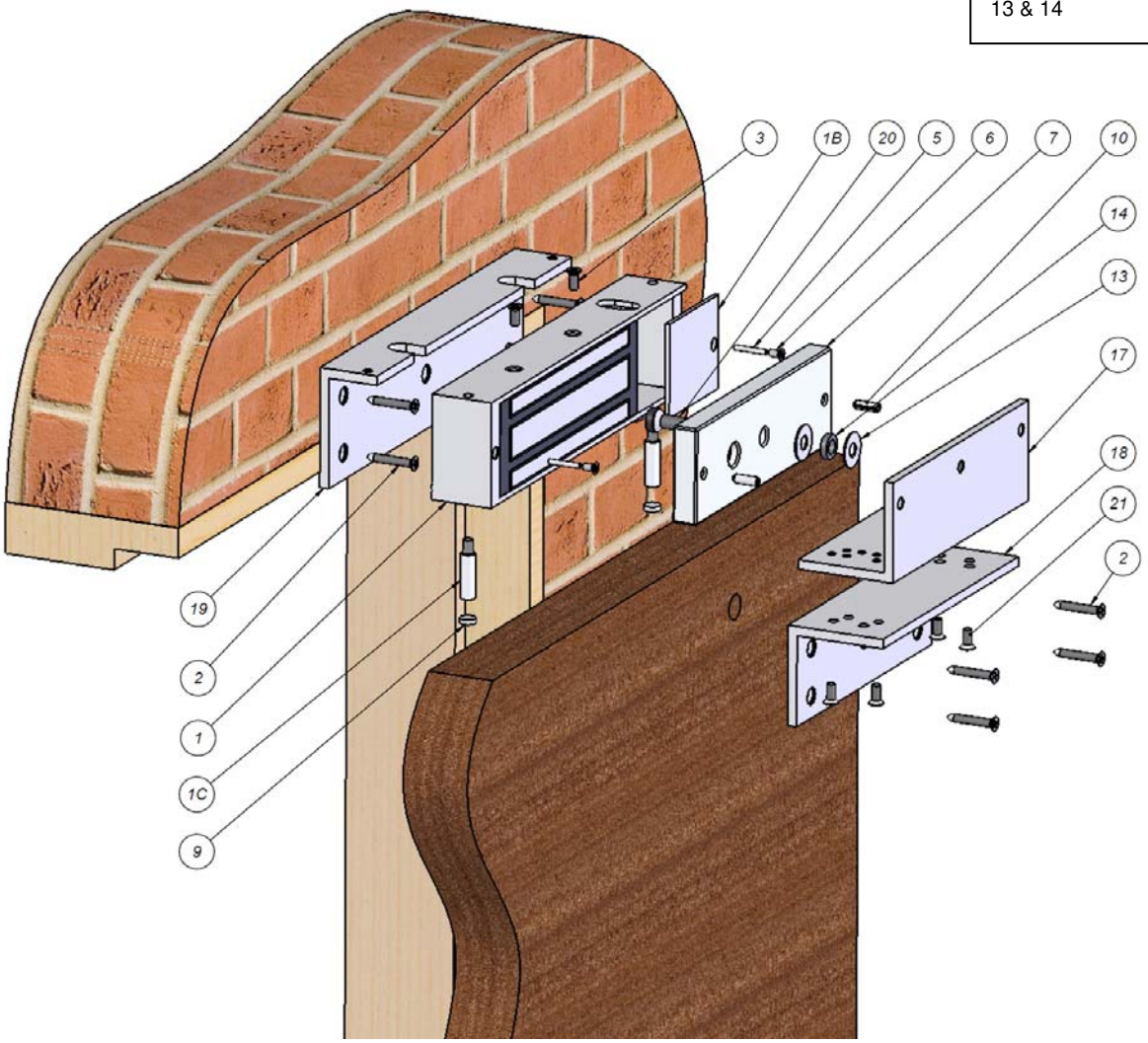
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Installation Above Door

1. Check off the contents and ensure you have the tools required.
2. Use the drill template to install the L bracket Item 19 above the door.
3. Check the door still closes.
4. Remove Qty 2 screws and replace with counter sink screws
5. Fit the maglock to the L bracket using 2 Security Screws Item 1C.
6. Assemble (threadlock on 20,21,) both Z plates and the Armature plate as shown.
7. Close the door and use the Z plate to mark the door for drilling.
8. Fit the Armature assembly to the door.
9. Check that the Armature plate and mag lock are aligned.
10. Use rubber spacer washers (or use alternate Z bracket fixing postions) to ensure that the Armature plate and Mag Lock just touch.
11. Set the jumper to correct voltage, connect wiring and test. Replace cover plate.



Adjust the gap between lock and armature plate by adding /removing spacer washers Items 13 & 14

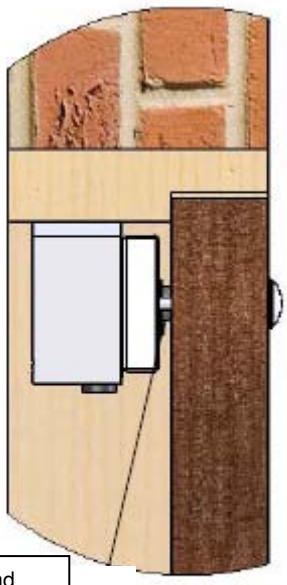




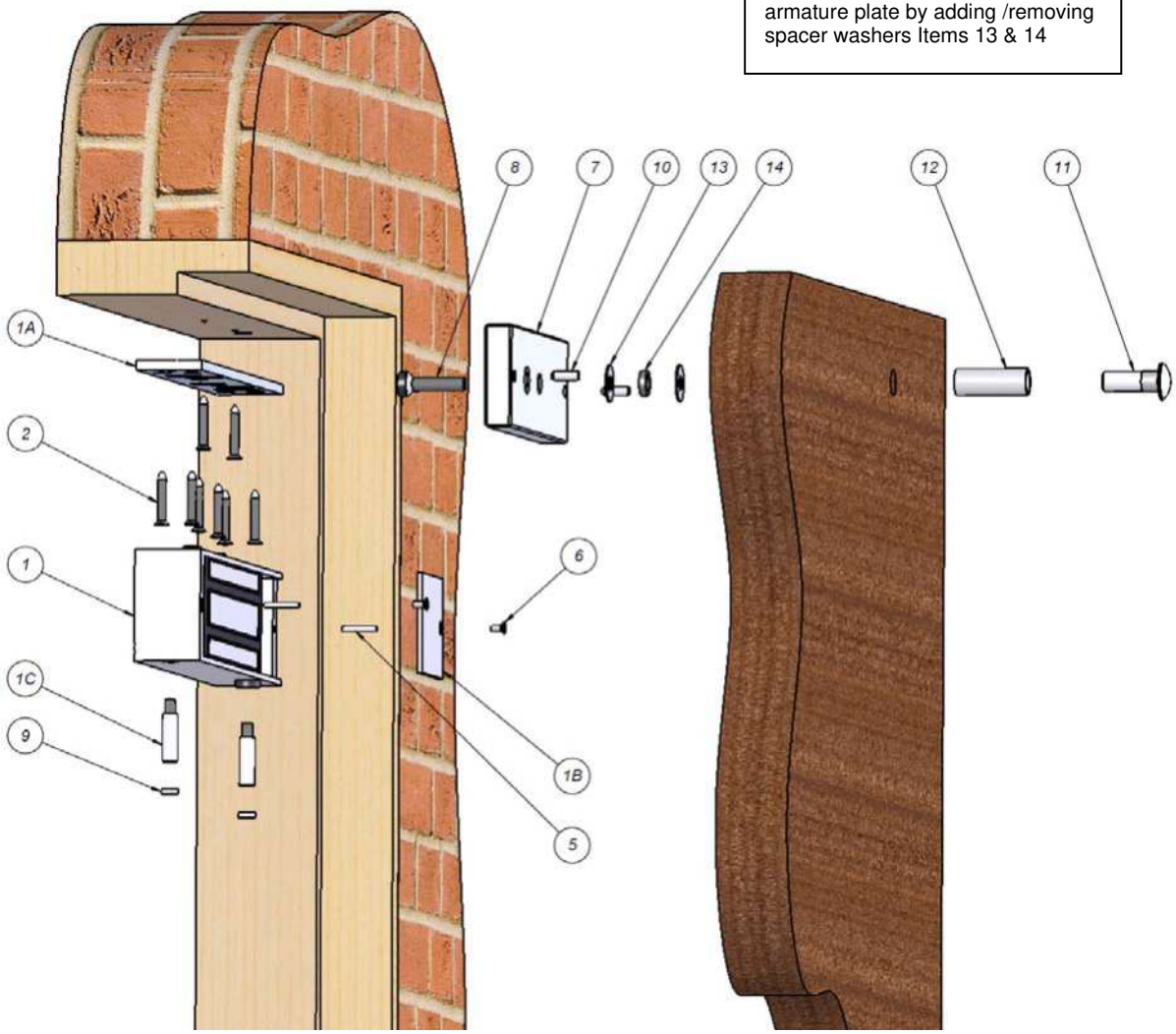
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Installation Inside Frame

1. Check off the contents and ensure you have the tools required.
2. Use the drill template to install the mounting bracket Item 1A inside the door frame.
3. Drill frame for cable entry and run cable for maglock.
4. Fit the maglock to the bracket using 2 Security Screws Item 1C.
5. Close the door and use the armature to mark the door for drilling.
6. Fit the Armature (threadlock on 8) to the door.
7. Make sure the Armature and mag lock are aligned.
8. Use spacer washers to get the Armature plate and Mag Lock to just touch.
9. Set the jumper to correct voltage, connect wiring and test.



Adjust the gap between lock and armature plate by adding /removing spacer washers Items 13 & 14

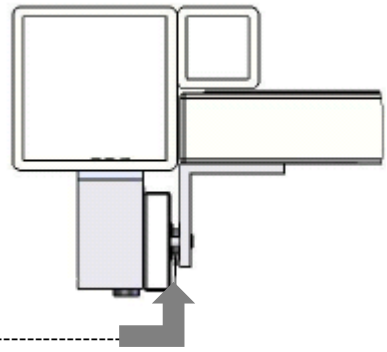




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Toughened Access Control Solutions

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Installation for Sliding Door



1. Check off the contents and ensure you have the tools required.
2. Use the drill template to install the mounting bracket Item 1A to the door frame.
3. Fit the maglock to the bracket using 2 Security Screws Item 1C.
4. Close the door and use the Z plate item 17 to mark the door for drilling.
5. Fit the Z plate and Armature (threadlock on 20) to the door.
6. Make sure the Armature and mag lock are aligned.
7. Use spacer washers to get the Armature plate and Mag Lock to just touch ----------

