

DS-K4H258SS Single-Door Magnetic Lock

The DS-K4H258SS Single-Door magnetic lock is designed for wooden door, glass door, and steel door with the opening angle of 90°. The maximum holding force of the lock is 280 kg (617.4 lbs). It can be used for controlling door opening/closing, and the indicator shows the door status.



Available Model

DS-K4H258SS

Key Features

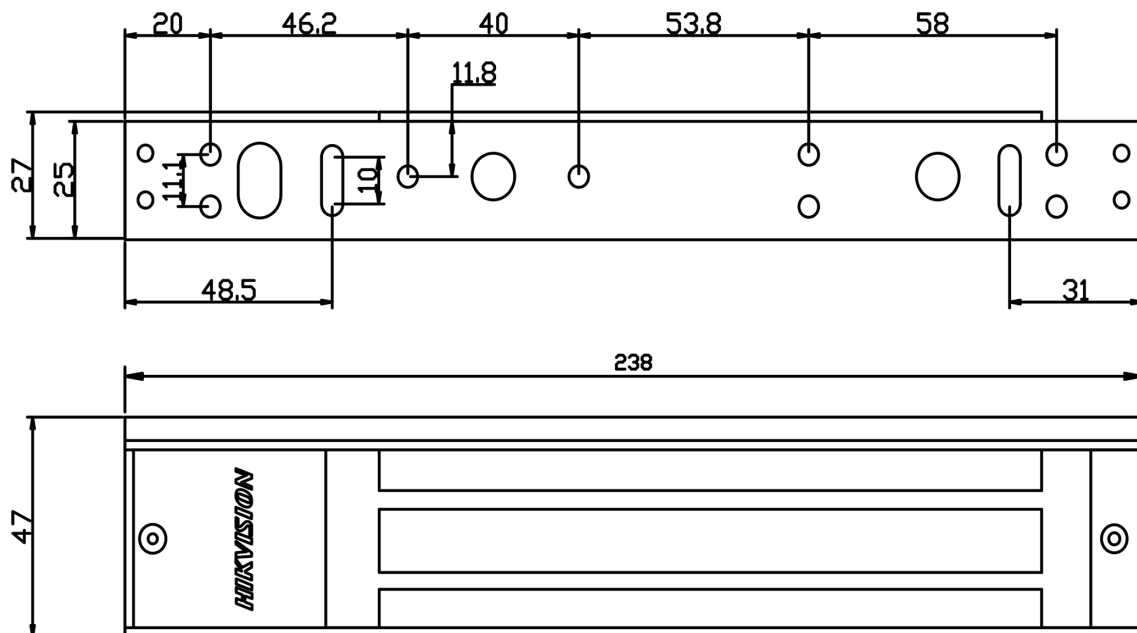
- The magnetic lock supports the maximum holding force of 280 kg (617.4 lb)
- Default voltage is 12 VDC
- It is equipped with internal voltage dependent resistor (MOV)
- It is applied to wooden door, glass door, metal door and fireproof door
- LED indicator displays the status of door lock
- Anti-residual magnetism design
- Abrasion-proof materials
- The shell is made up of aldural and is hard anodizing electroplated
- No mechanical failure, and the magnetic lock works by electromagnetism force



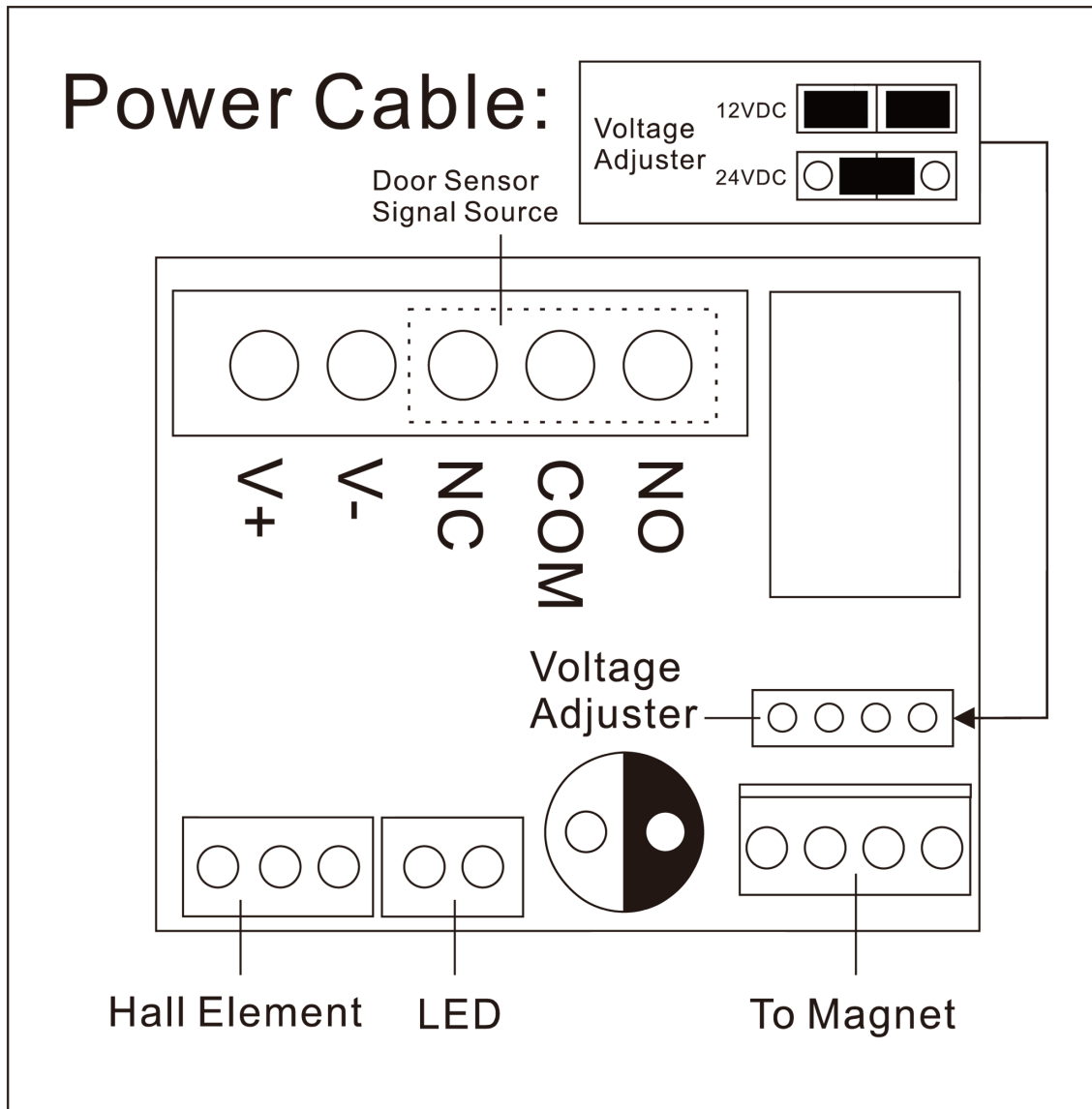
Specifications

Model	DS-K4H258SS
Dimension of lock body (L × W × H)	238 mm × 47 mm × 27 mm (9.4" × 1.9" × 1.1")
Dimension of armature plate (L × W × H)	182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")
Unlock method	Current interruption
Maximum holding force	280 kg (617.4 Lbs) linear thrust
Input voltage	12 VDC
Working current	340 mA
LED indicator	Green (work status)
Suitable door	Wooden door, glass door, metal door, fireproof door
Surface temperature	≤ ambient temperature 20 °C (68 °F)
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	0 to 95% (relative humidity)
Shell	Hard anodizing electroplating operated
Lock body	Eco-friendly Nickel electroplating operated
Armature plate	Eco-friendly Nickel electroplating operated
Weight	2.02 kg (4.5 lb)

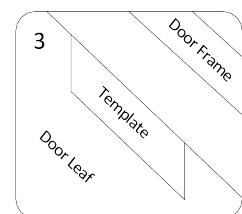
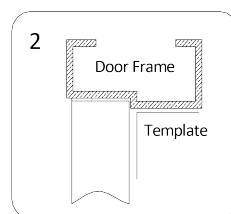
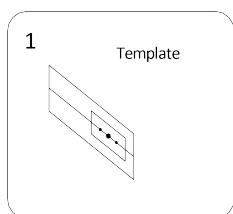
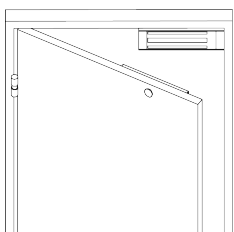
Dimension



Circuit Board Diagram



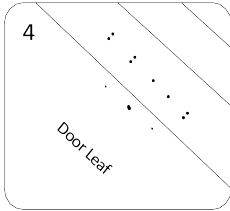
Installation



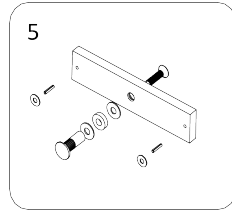
Fold the plate to 90°.

Close the door first, then place the upper side of template on door frame, while adjust the left side next to the door leaf.

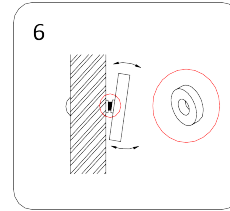
Mark screw positions of armature plate and magnetic lock on door leaf and door frame respectively.



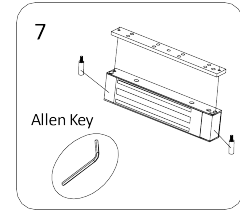
Drill holes based on the marked positions.



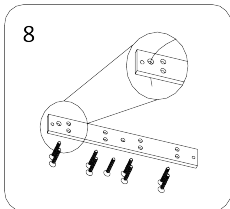
Make a combination based on the picture.



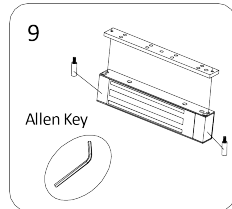
Place the rubber ring between armature plate and door leaf.



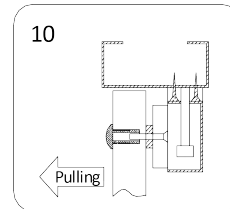
Use Allen key to remove the mounting plate from lock body.



Fix the mounting plate on the door frame according to the holes drilled earlier.



Use Allen key to screw the lock body on the mounting plate.



Close the door to test holding force. The angle between armature plate and magnetic lock can be adjusted by adding or reducing washers.

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