



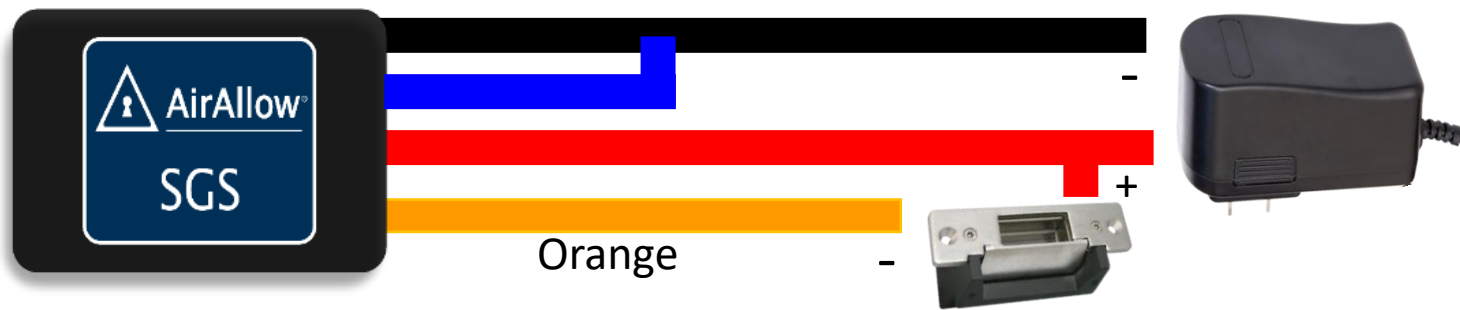
AirAllow SGS Installation Guide

This Installation Guide is intended for experienced locksmiths, EAC integrators and installing technicians. This guide is intended to be used as a reference to ensure all connections are made properly for proper operation.

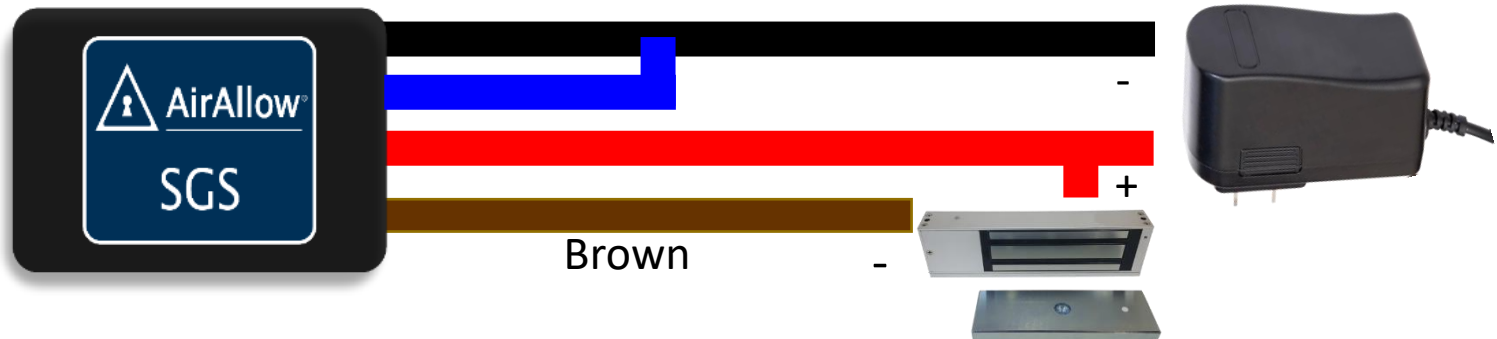
SGS Wiring with Examples

Color	Description
Red	Power +12VDC to +24VDC
Black	Ground
Blue	Relay Common, +24V @ 1 Amp Max
Orange	Relay Normally Open, +24V @ 1 Amp Max
Brown	Relay Normally Closed, +24V @ 1 Amp Max
Green	Data 0 – Input 0 – Output 0 ¹
White	Data 1 – Input 1 – Output 1 ¹

Example Normally Open Shared Power (e.g. Door Strike)



Example Normally Closed Shared Power (e.g. Mag Lock)



¹ Late Beta feature.
AirAllow Inc.
 107 Gilbreth Parkway
 Mullica Hill, NJ 08062

Safety Considerations

THIS PRODUCT IS NOT A LIFE SAFETY DEVICE & SHOULD NOT BE INSTALLED AS SUCH

For safety and agency compliance, the following requirements must be followed when installing the AirAllow SGS unit.

UL Listed Power Supply

The AirAllow SGS must be powered by a UL listed power supply with a visible AC indicator. All interconnecting devices are to be powered by UL listed power limited power supplies.

Electrical Connections

The AirAllow SGS must be installed within the protected premise in accordance with the National Electric Code (NFPA70), local codes and the authorities having jurisdiction. This system shall be installed in accordance to the National Fire Protection Associations Standard 72, Chapter 2.

Troubleshooting

Types of LED Blink	Description of Blink
Blinking Green	Device is powered and unlocked
Blinking Red	Device is powered on locked
No LED blink	Firmware Program Mode or Device is not powered

Certifications

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to the AirAllow SGS not expressly approved by the party responsible for assuring compliance could void the user's authority to operate the equipment in a safe or otherwise regulatory compliant manner. If equipment is not installed and used in accordance with the instructions in this Installation Manual, interference may result. In this case the equipment owners, at their own expense, must take whatever measures are required to correct the interference.

“This Class A digital apparatus complies with Canadian ICES-003.”