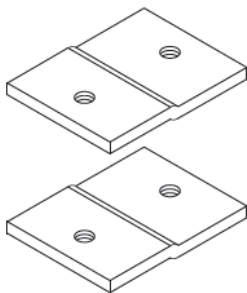
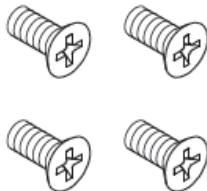


GV-EL124S Electric Strike

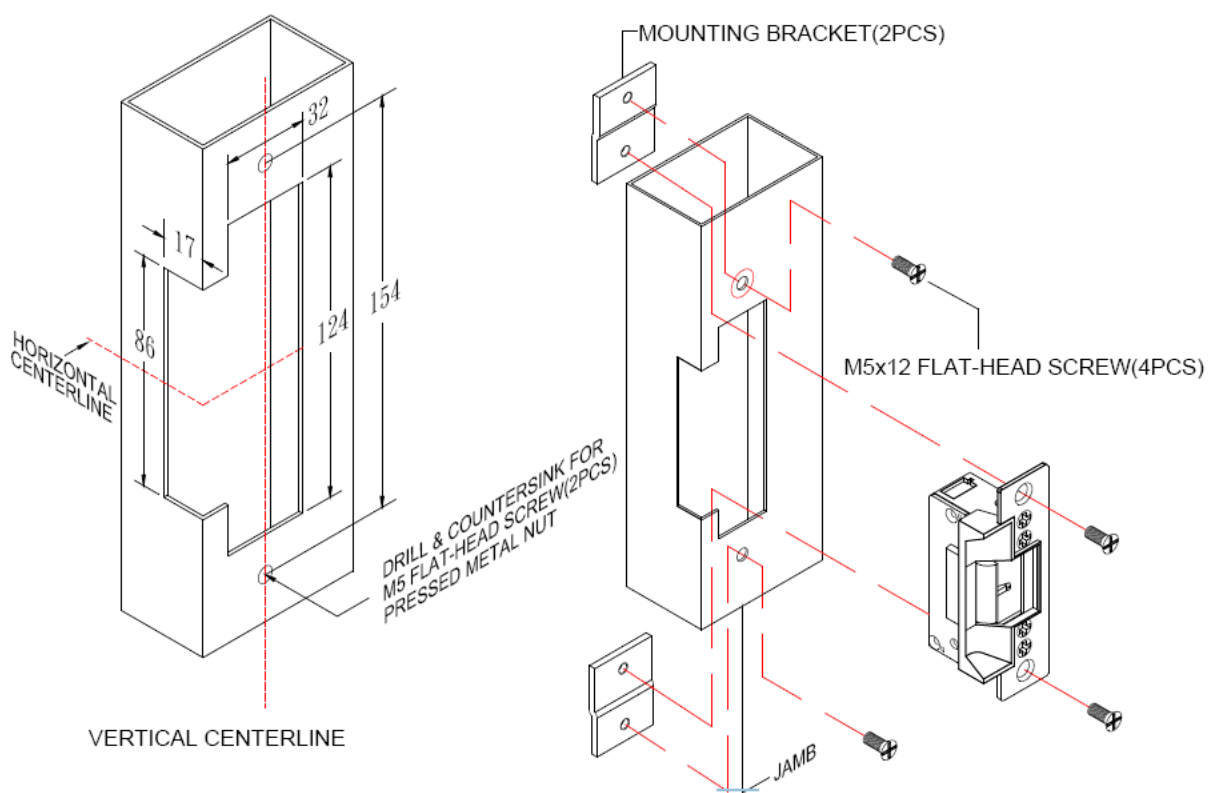
The GV-EL124S is a fail-secure electric strike, field-convertible to fail-safe mode. It features a reversible design for both right- and left-handed doorjamb installations, providing remote release of a locked door.

Packing List

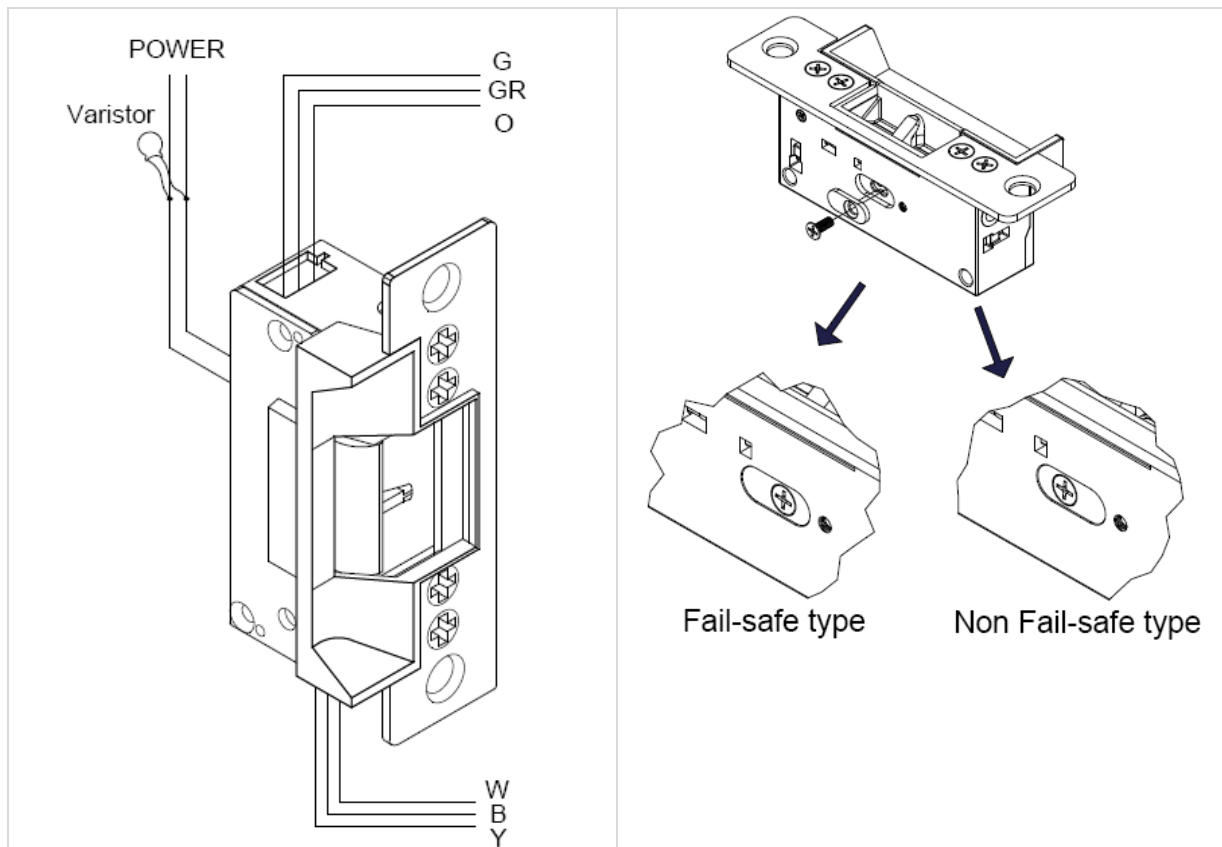
1. GV-EL124S Electric Strike x 1	2. Drill Template Paster x 1
3. Mounting Bracket x 2 	4. Countersunk Machine Screw (M5 x 12 mm) x 4 
5. Varistor x 1 	6. Installation Guide x 1

Installation

1. Prepare the doorjamb according to the drawing.
2. Install mounting brackets to the doorjamb using M5 x 12 screws. Do not fully fasten at this stage.
3. Connect wires from the low voltage side of the transformer to the wires (black) from the strike.
4. Install the strike to the doorjamb using M5 x 12 screws.
5. Secure M5 x 12 screws holding mounting brackets to the doorjamb.

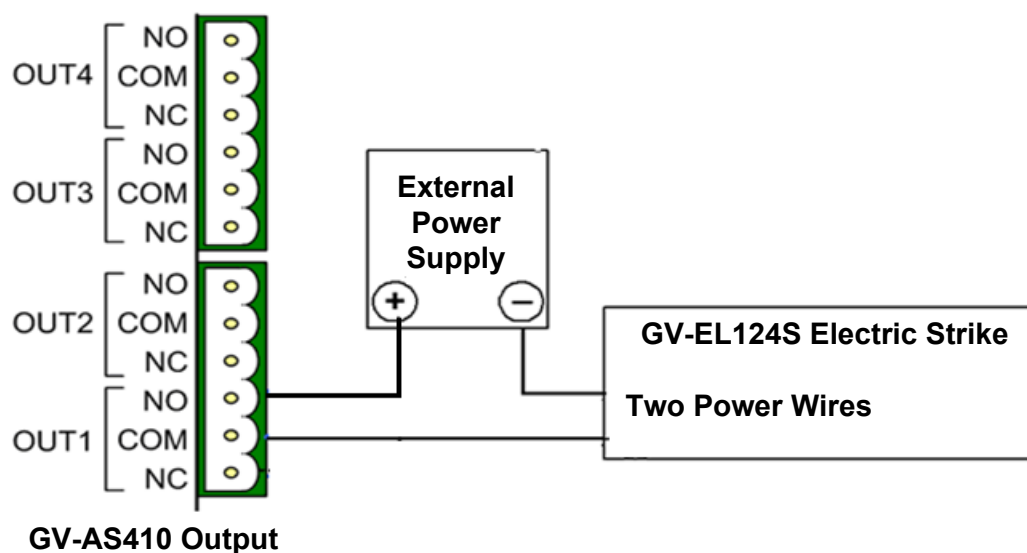


6. Connect one of the sensors. The door status sensor (closed position; Blue=NO, Yellow=NC, White=COM) is recommended.
7. To prevent strike from spike, connect the Varistor between the power wires.
8. To switch between Fail-Safe and Fail-Secure (Non Fail-Safe), see the illustrations below.
 - A. Remove the screw on the back of the strike.
 - B. Rotate the adjustment plate 180 degree, then reinsert and fasten the screw to switch the mode.



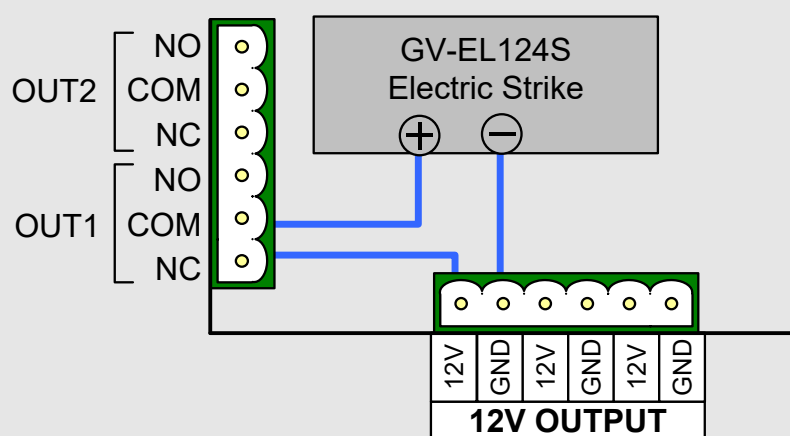
Connecting to Power

To connect the power between the electric strike and GV-AS Controller, refer to the following diagram. Here we use GV-AS410 Controller as an example.



Note:

1. It is required to connect an external power supply if the total power consumption of the output devices and readers connected to the GV-AS Controller exceeds **3A** (for GV-AS210 / 2110), **3.5A** (for GV-AS410 / 4110) or **5A** (for GV-AS810 / 8110).
2. You may use the power outputs on the GV-AS Controller when the total power consumption of the output devices and readers connected to the GV-AS Controller is under **3A** (for GV-AS210 / 2110), **3.5A** (for GV-AS410 / 4110) or **5A** (for GV-AS810 / 8110). Here we use GV-AS410 Controller as an example.



Connecting a Sensor to GV-AS Controller

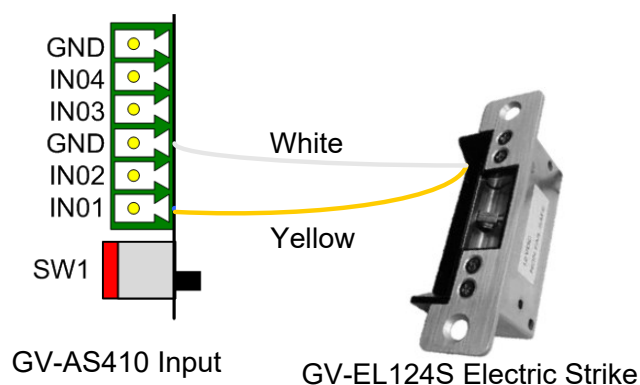
The electric strike supports two types of sensors: the **Latch Sensor** and the **Door Status Sensor**. Connect the sensor to the **Input** or **Door Contact** terminal of the GV-AS Controller. This allows the GV-ASManager access control system to monitor and trigger alerts for Door Open/Closed, Held Open, and Forced Open events.

Note: Only one type of sensor can be applied at a time. Using Latch Sensor is the recommended configuration.

Option 1: Latch Sensor (Close Position)

To connect the Latch Sensor to GV-AS410:

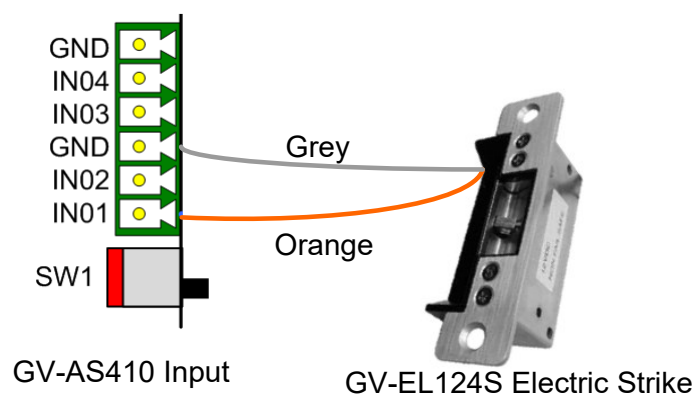
- **Yellow Wire:** Connect to **Input** on GV-AS410.
- **White Wire:** Connect to **Ground (GND)** on GV-AS410.



Option 2: Lock Status Sensor (Unlock Position)

To connect the Lock Status Sensor to GV-AS410:

- **Orange Wire:** Connect to **Input** on GV-AS410.
- **Grey Wire:** Connect to **Ground (GND)** on GV-AS410.



Setting the Web Interface of GV-AS Controller

1. To set up the connected sensor, on the GV-AS410's Web interface, select **Input Configuration** under **Advanced Setting**, and select an input type (Door #) and input function (Door Contact).

Input Configuration

Input Function				
01	AS410_IN1	NO	Door 1	Door Contact
02	AS410_IN2	NO	Door 1	Exit Button
03	AS410_IN3	NO	Door 1	Fire Sensor
04	AS410_IN4	NO	Door 1	Tamper Sensor
05	AS410_IN5	NO	Door 2	Door Contact

Input Type **Input Function**

2. To set up the electric strike, on the GV-AS410's Web interface, select **Output Configuration** under **Advanced Setting**, and select an output type (Door #) and output function (Electric Lock).

Output1 - Output16 Configuration

Output Function (3A , 30VDC/110VAC~250VAC)

Output Function (3A , 30VDC/110VAC~250VAC)			
AS410_Out1	Door 1	Electric Lock	
AS410_Out2	Door 1	Event Alarm	
AS410_Out3	Door 2	Electric Lock	
AS410_Out4	Door 2	Event Alarm	

Output Type **Output Function**

For details on configuring input and output devices, see the *Input Configuration* and *Output Configuration* section in Chapter 8 of the *GV-AS Controller User's Manual*.

Specifications

Voltage	DC 12V
Current	260mA at DC 12V
Keeper Depth	12.7 mm (0.50")
Operating Temperature	-20°C ~ 60°C (-4 °F ~ 140 °F)
Dimensions (L x W x H)	123.5 x 31.4 x 40.7 mm (4.86" x 1.24" x 1.60")
Weight	400 g (0.88 lb)
Certification	CE

Wire Definition

Function	Wire	Definition
Power	Red / Black	Positive (+) / Ground (-)
Latch Sensor (Unlock Position)	Blue	NO
	White	COM
	Yellow	NC
Lock Status Sensor (Closed Position)	Green	NO
	Grey	COM
	Orange	NC

All specifications are subject to change without notice.