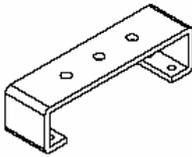
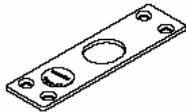


# GV-EL202B Electric Bolt

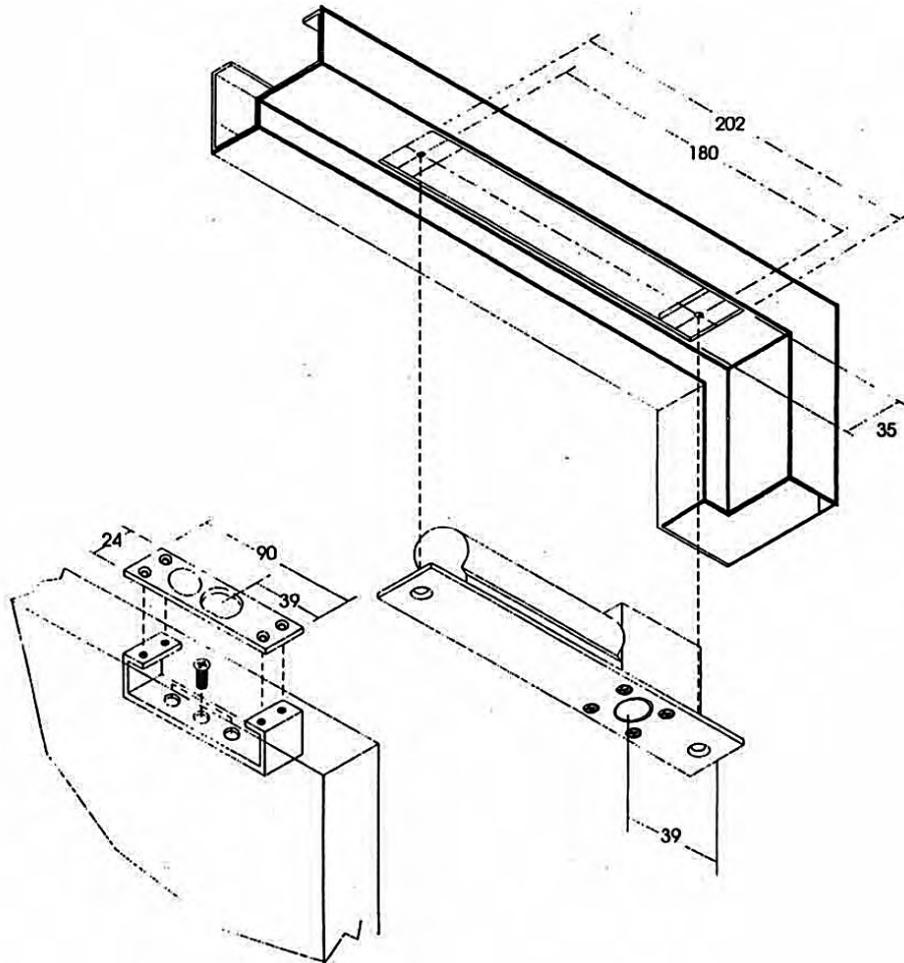
The GV-EL202B is an electric bolt, featured with a stainless steel faceplate and a built-in voltage spike suppressor. It supports lock sensor and door status sensor functions. The fail-safe electric bolt locks the door when the power is applied, and unlocks the door when the power is removed. It can be applied to single-leaf or double-leaf doors.

## Packing List

<p>1. GV-EL202B electric bolt x 1</p> 	<p>2. Base bracket x 1</p> 
<p>3. Base plate x 1</p> 	<p>4. Extension plate x 2</p> 
<p>5. M5 (15 mm ) x 5</p> 	<p>6. M4 (11 mm ) x 8</p> 
<p>7. Cover plate x 1</p> 	

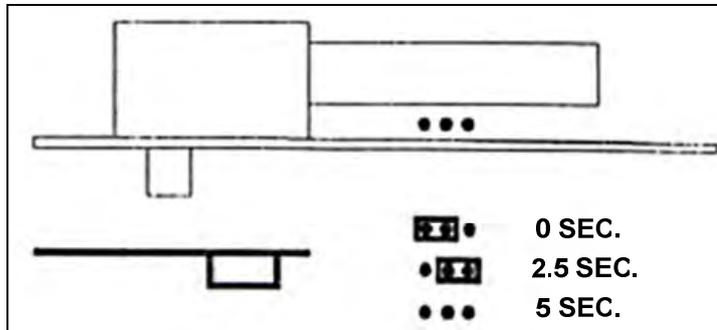
## Installation

Refer to the following diagram to install the electric bolt:

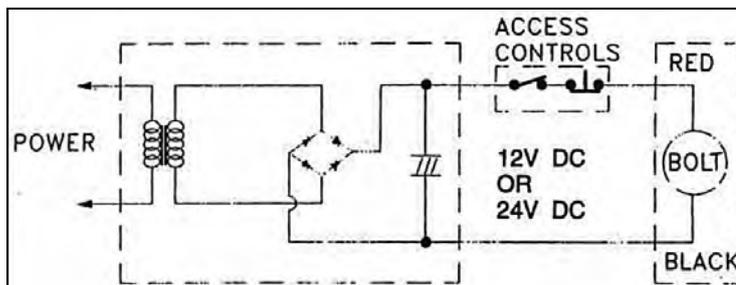


## Auto-lock Time Delay Setting

Use Jumper inserted on the electric bolt to set a lock-delayed time, after which the door will automatically be locked. There are 3 options: 0, 2.5 and 5 seconds.



## Wiring Instruction



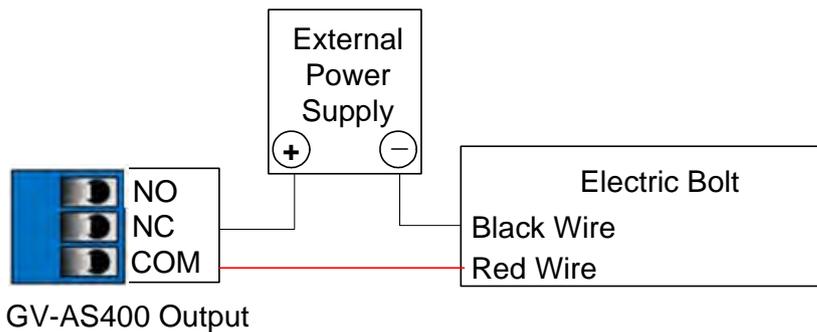
## Wire Definition

	Wire	Definition
<b>Electric Bolt</b>	Red	Positive (+)
	Black	Ground (-)
<b>Lock Status Sensor</b>	Blue	NO
	White	COM
	Yellow	NC
<b>Door Status Sensor</b>	Green	NO
	Grey	COM
	Orange	NC

## Connecting to the GV-AS Controller

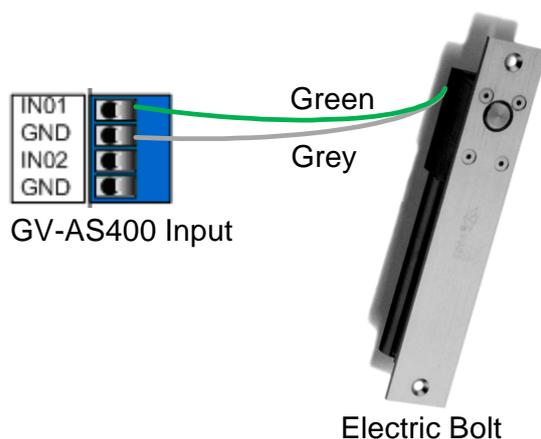
To connect the electric bolt to the GV-AS Controller, follow the steps below. Here we use the GV-AS400 Controller for example.

1. To connect the power between the electric bolt and the GV-AS400, refer to the diagram as below.

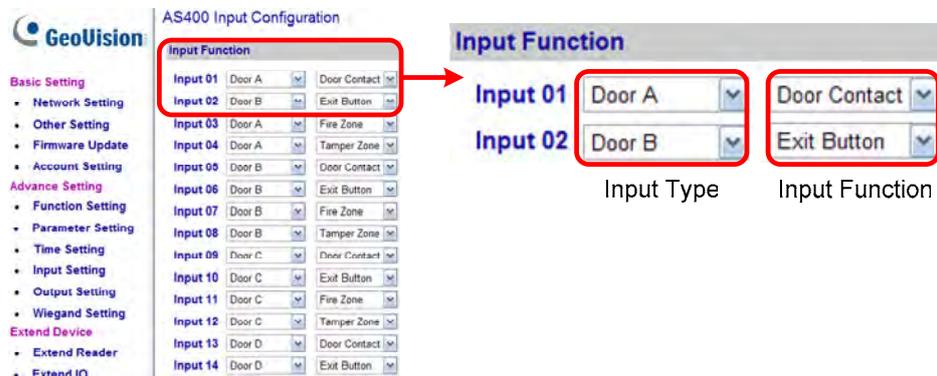


Connect the **Red** wire of the electric bolt to **COM** on GV-AS400, connect the **Black** wire of the electric bolt to the (-) point on the external power supply, and connect the (+) point on the external power supply to **NC** on GV-AS400.

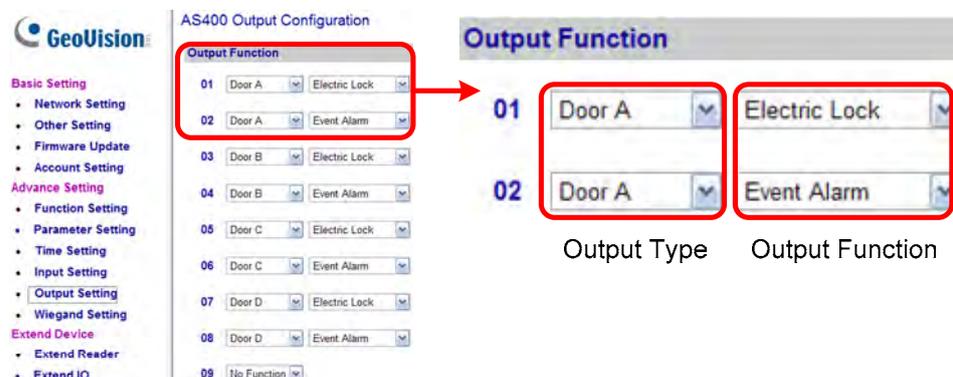
2. To connect the sensor to the GV-AS400, connect the **Green** wire of the sensor to the **Input** of the GV-AS400, and connect the **Grey** wire of the sensor to the **Ground** of the GV-AS400.



- On the Web interface of the GV-AS400, select **Input Setting**, and select an input type and input function for the connected sensor from the electric bolt.



- On the Web interface of the GV-AS400, select **Output Setting**, and select an output type and output function for the connected electric bolt.



For details on configuring the input and out devices, see [3.4.3.D Input Function](#) and [3.4.3.E Output Function](#) on the GV-AS Controller User's Manual.

## Specifications

<b>Voltage</b>	DC 12V or AC 24V
<b>Current</b>	0.9A (start); 0.3A (standby)
<b>Lock Sensor Switch Rating</b>	1A at AC/DC 30V
<b>Door Status Sensor Switch Rating</b>	0.5A at AC/DC 30V (magnetic reed switch)
<b>Auto Relock Jumper</b>	0, 2.5 and 5 seconds (adjustable)
<b>Dimensions (L x W x H)</b>	202 x 35 x 43 mm (7.95" x 1.38" x 1.69")
<b>Weight</b>	0.9 kg (1.98 lb)
<b>Certification</b>	CE and UL