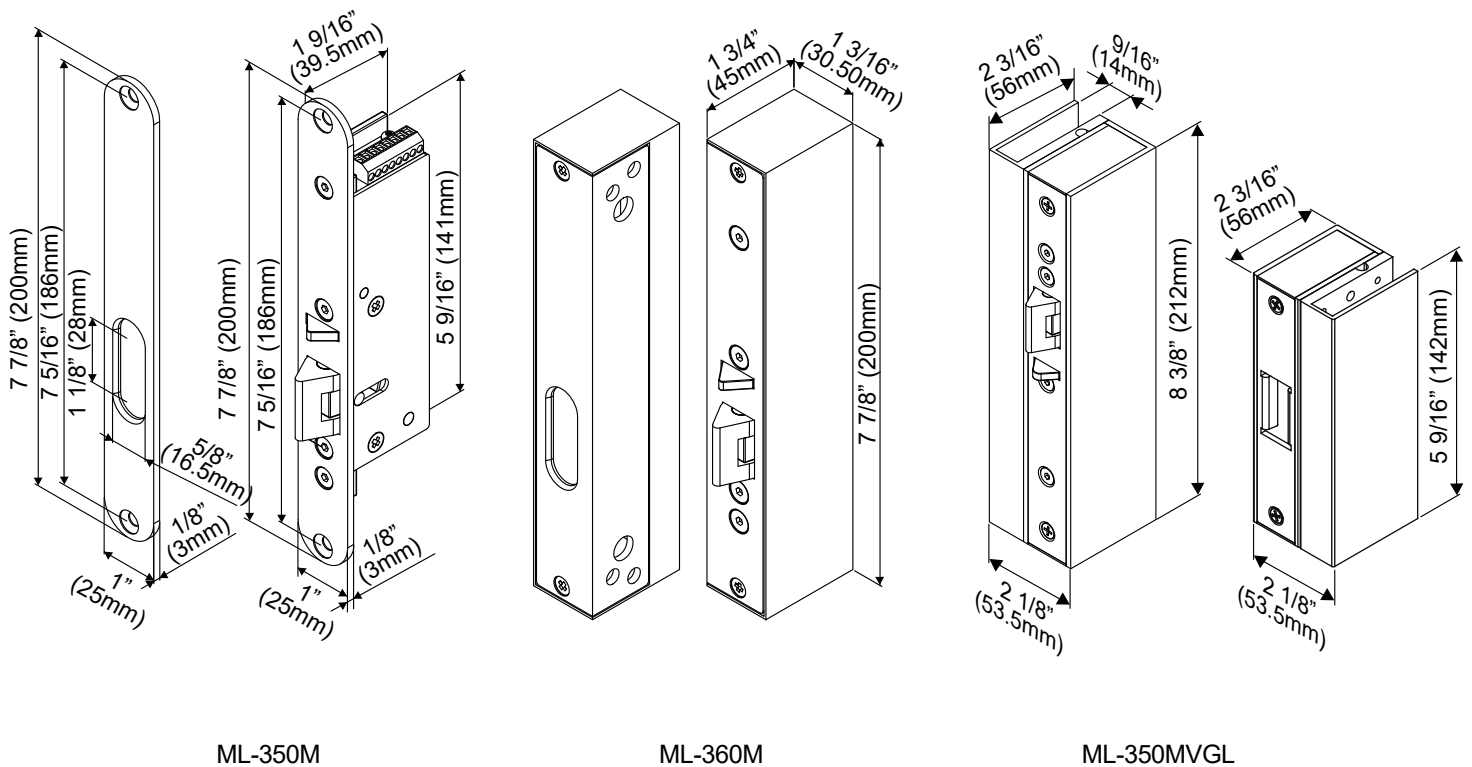


# ML-350/360 Series Electric Lock Installation Instructions

## Specifications

- Operating Voltage: 24/48 VDC
- Voltage Tolerance:  $\pm 10\%$
- Current Draw: 150mA/24VDC ; 75mA/48VDC
- Operating Temperature:  
+ 14°F to + 120°F (-10°C to +49°C)
- Humidity: 0~85% non-condensing
- Solenoid Testing: Tested to over 250,000 cycles
- Preload: 500 lbs of pressure strength
- Finish: Stainless steel (Surface/Glass mount brackets: Anodized aluminum finish)
- Net Weight: ML-350M:673g, ML-360M:1380g
- Applicable to horizontal or vertical installations
- Locking Mode: Fail-safe locked
- Fire Resistance Test Conducted in Accordance with BSEN 1634-1: 2014 and BSEN 1363-1: 2012 (For ML-350M)

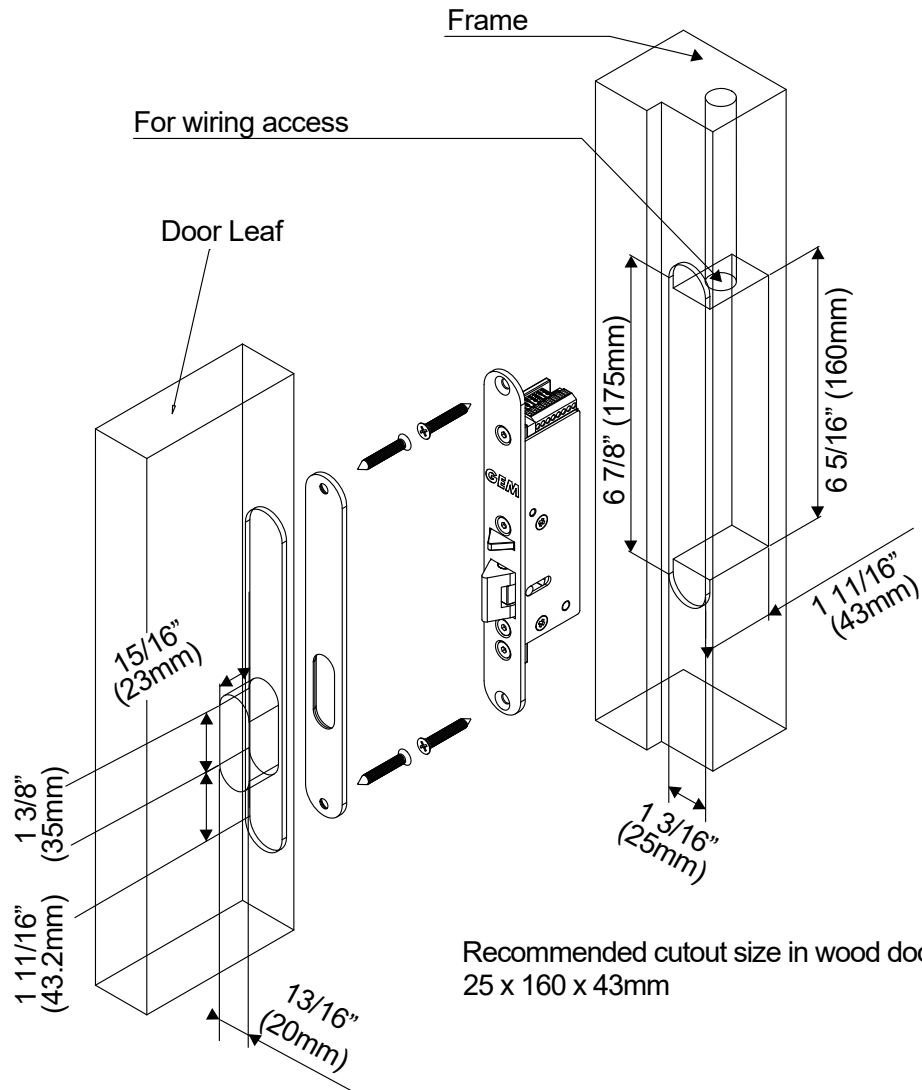
## Dimensions



ML-350M

ML-360M

ML-350MV/GL



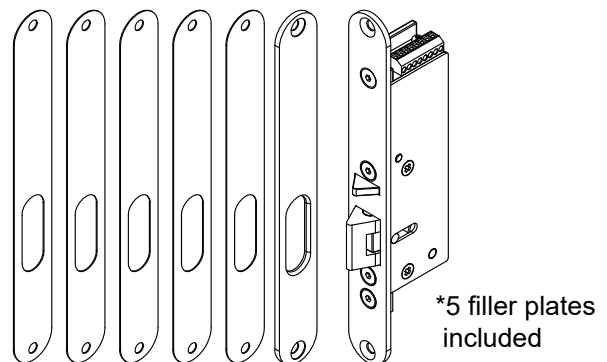
Recommended cutout size in wood door leaf:  
20 x 55 x 23mm

### Swing Door Application



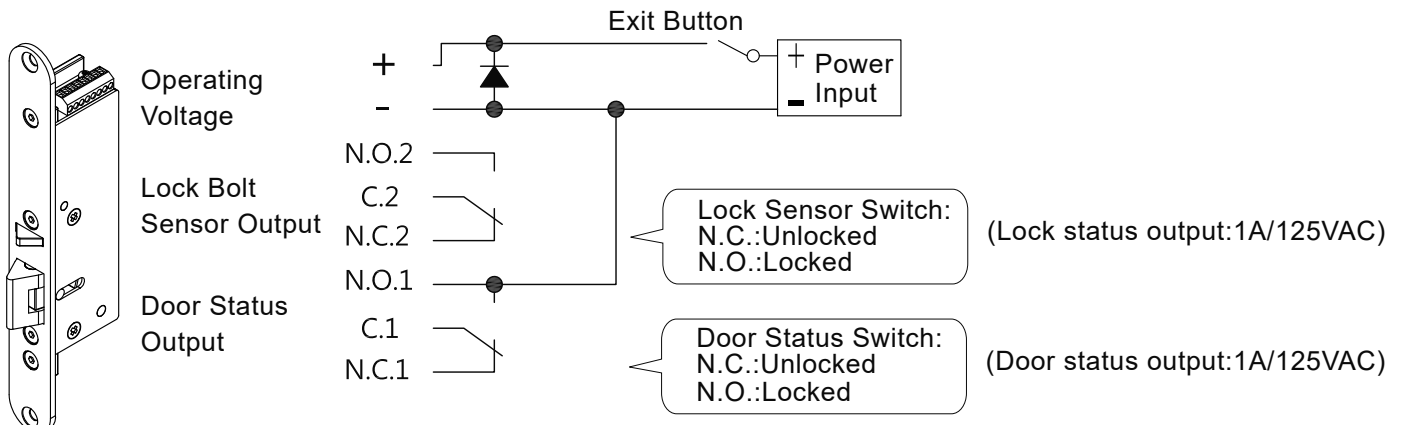
The ML-350/360 series can be installed on single or double action swing doors.

### Filler Plate Installation (For ML-350M)



When door is closed and locked, the door gap needs to be less than 5 mm so the auxiliary deadlatch is properly depressed. Add filler plates to compensate for wide door gaps.

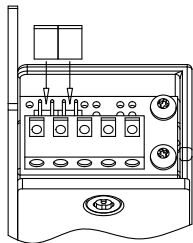
## Wirina Diagram



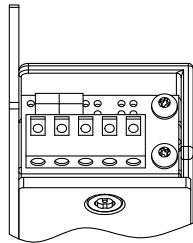
**Note: N.O.1 & C.1 negative output**

## Voltage Selection

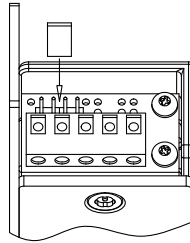
**24VDC**



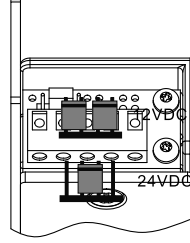
**24VDC**



**48VDC**



**48VDC**



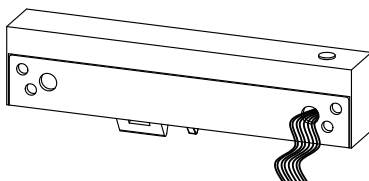
24VDC

48VDC

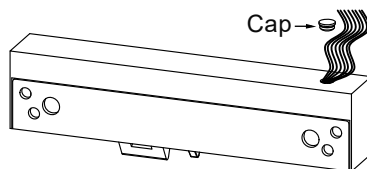
### Voltage Selection Jumpers

Check jumper settings before connecting the lock to 48VDC input power. Damage to the lock may result from incorrect jumper settings.

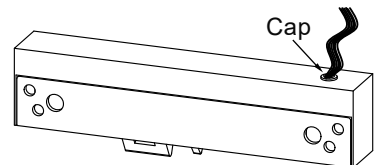
## Changing the Wire Position (ML-360M)



Change the position of the wires.



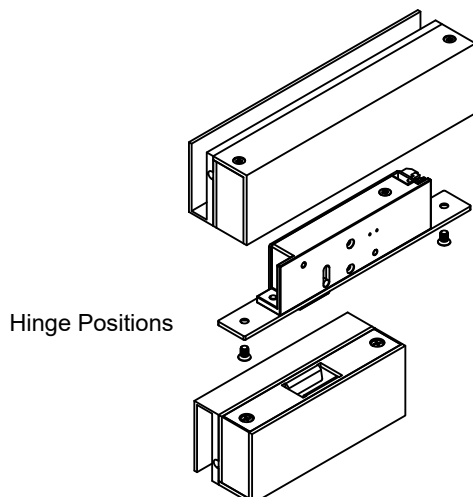
Take off the cap and pull out the wires.



Put the cap back in around the wires for scratch resistance.

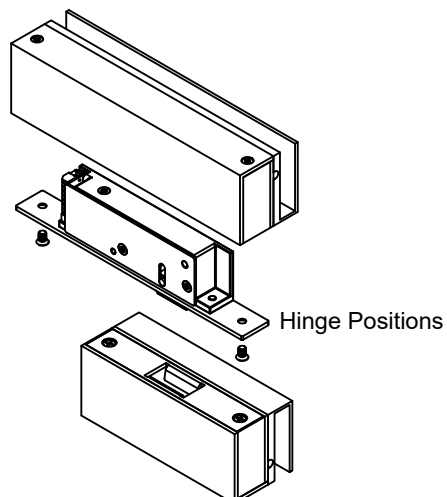
## Installation

### Glass Mount Installation (ML-350MVGL)



Hinge Positions

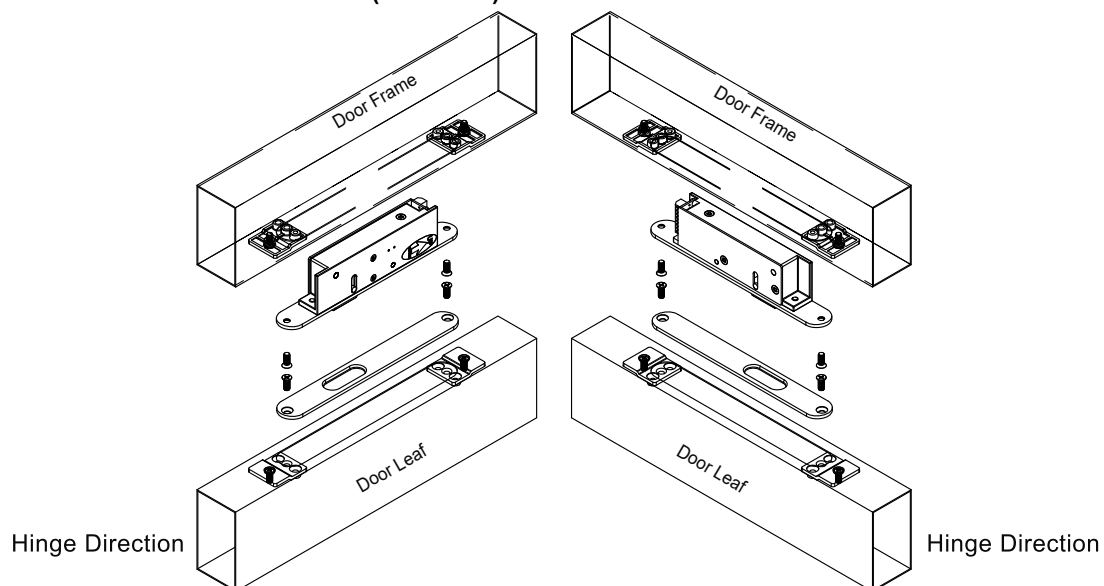
Left hand shown



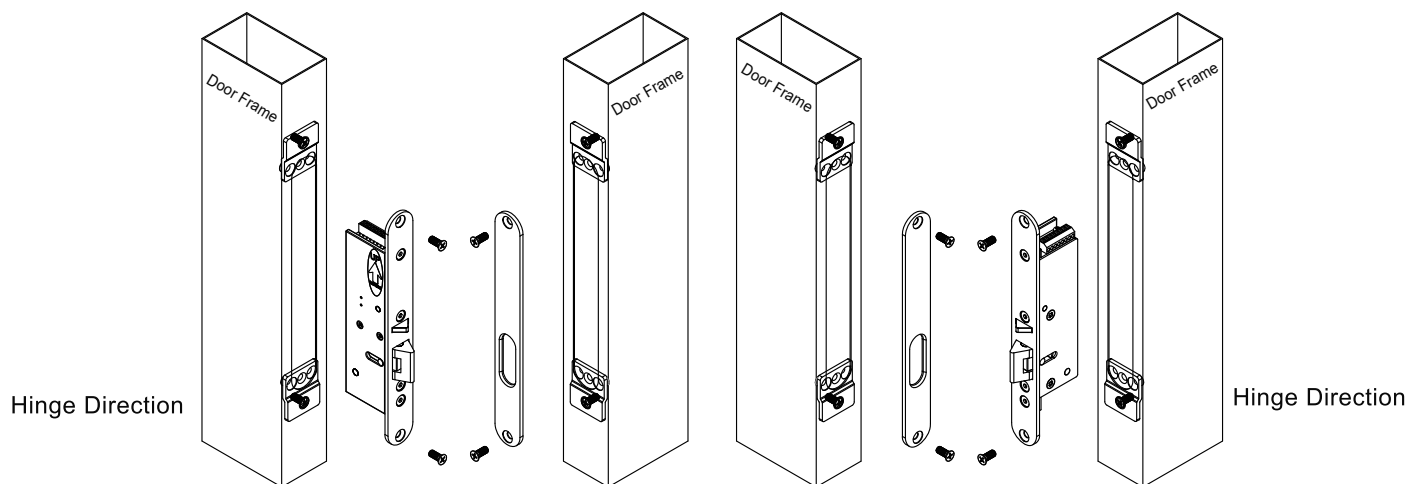
Hinge Positions

Right hand shown

### Mortise Mounted Horizontal Installation (ML-350M)



### Mortise Mounted Vertical Installation (ML-350M)



### Surface Mounted Installation (ML-360M)

