

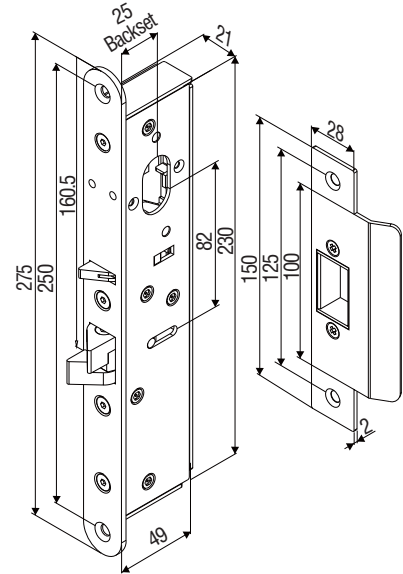
# ML-705M Series Electro-Mechanical Lock Installation Instruction

Unit: mm

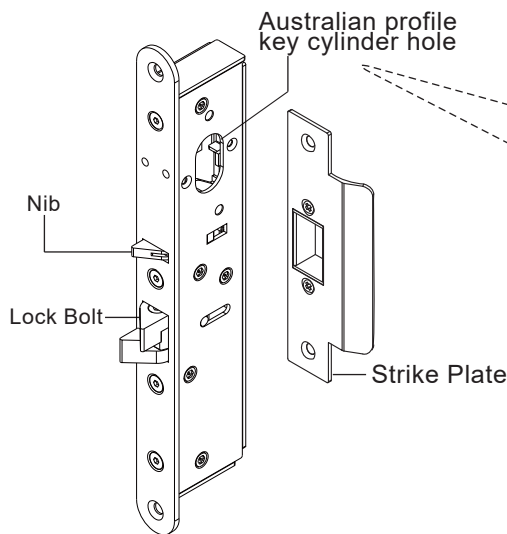
## Specification

- Operating Voltage: 12~24VDC/AC  $\pm 10\%$
- Current Draw: 250mA/12VDC; 150mA/24VDC
- Operating Temperature: 14°F to 120°F (-10°C~+49°C)
- Humidity: 0~85% non-condensing
- Version Changeable: Fail-safe or Fail-secure
- Lock bolt sensor switch output: SPDT, 3A/125VAC
- Latch Throw: 16mm
- Solenoid testing: Tested to 250,000 cycles
- Resistance against door being forced :  
1500 lbs (static force); 70 ft-lbs (dynamic force)
- Backset: 25mm

## Dimension



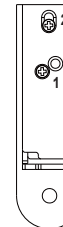
## Packing Contents



### Version Changeable:

Take out the Screw 1, release screw 2, move the position and then tighten both screws.

"Fail-Safe"  
(Power to Lock)



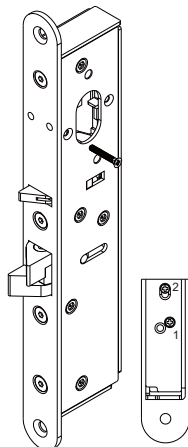
"Fail-Secure"  
(Power to Open)

### ⚠ Caution:

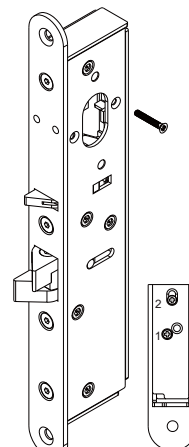
Do not completely remove screw 2 (as marked in the figure) as the interior solenoid might fall off.

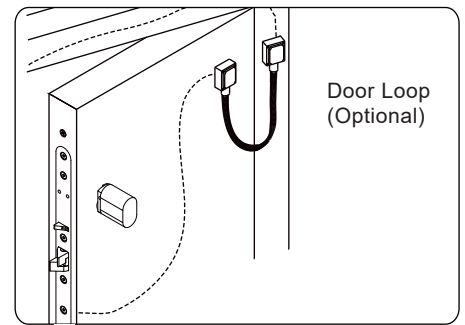
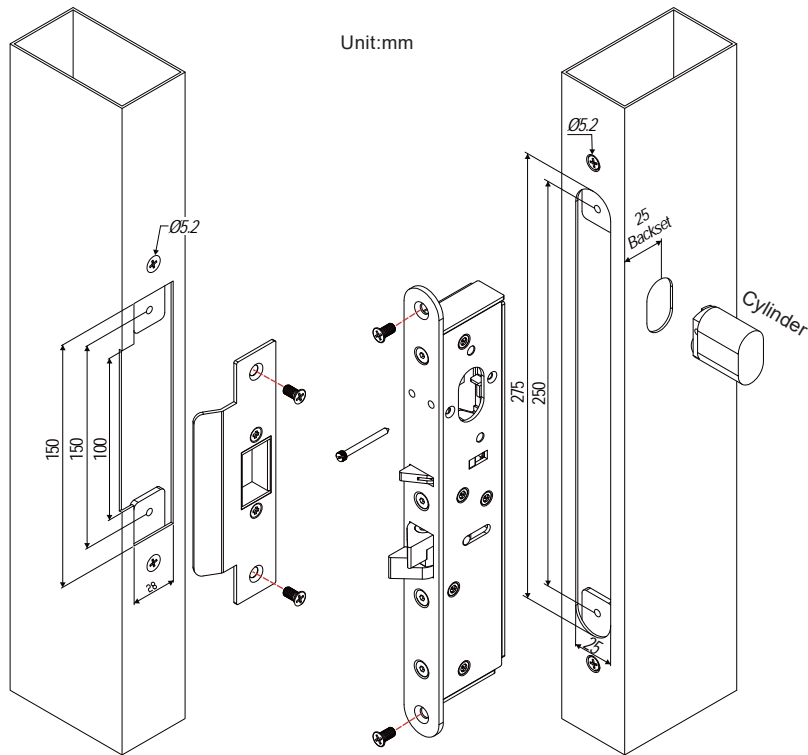
## Stud Bolt Position

For fail-safe mode

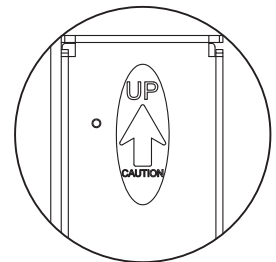


For fail-secure mode

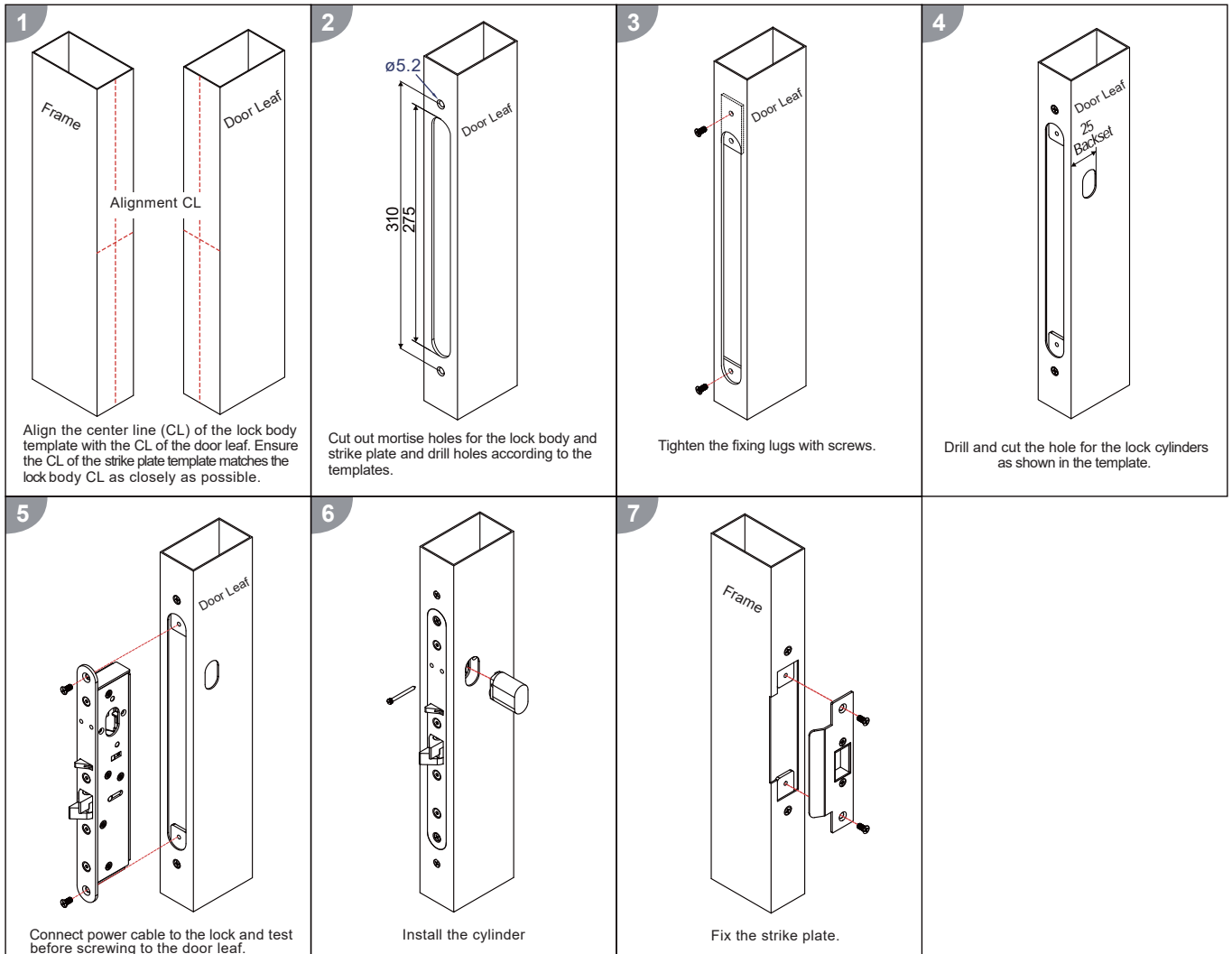




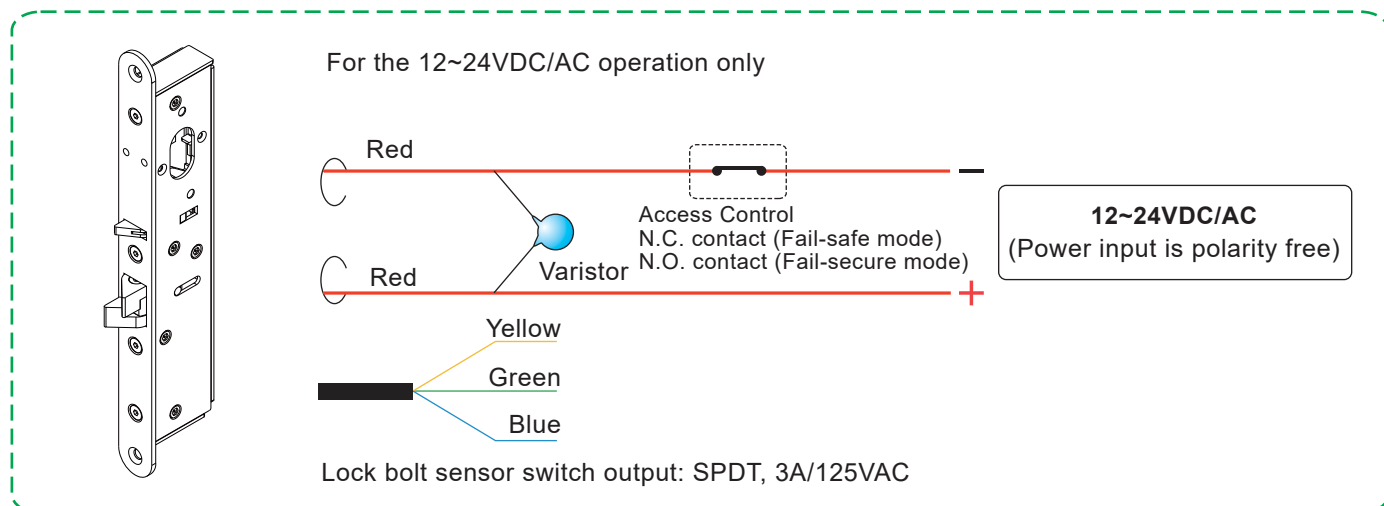
The door loop protects the wiring from damage at the door hinge.



Attention! Please ensure that the direction of the template is correct

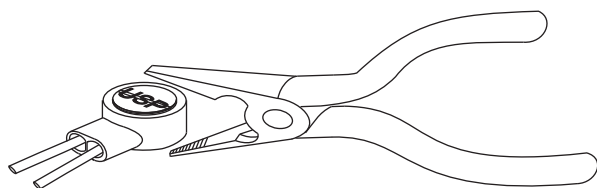


## Wiring Diagram



**NOTE:** The varistor (or diode) must be connected across the terminals as shown above. This protects the electromechanical lock from spikes and surges.

## Butt Splice (IDC) Connector



Using crimper or pliers and pressing the header of connector down to even position.