

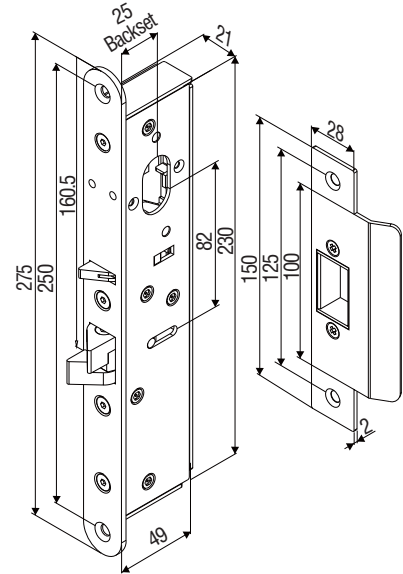
ML-705M Series Electro-Mechanical Lock Installation Instruction

Unit: mm

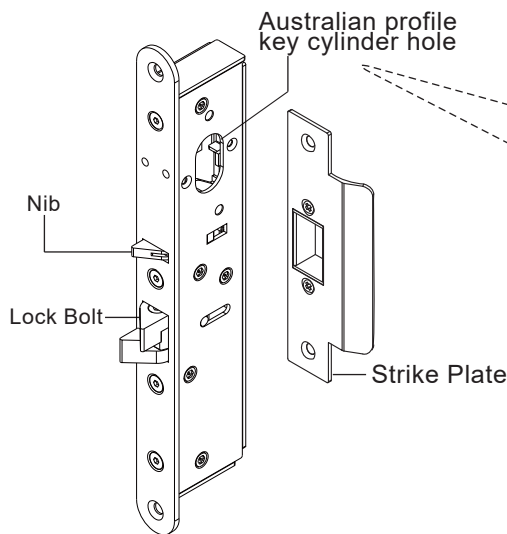
Specification

- 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



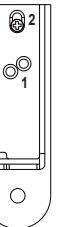
Packing Contents



Version Changeable:

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

"Fail-Safe"
(Power to Lock)



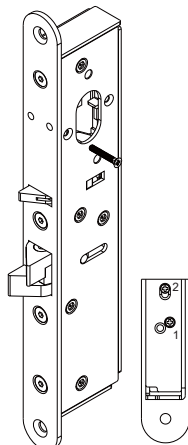
"Fail-Secure"
(Power to Open)

⚠ Caution:

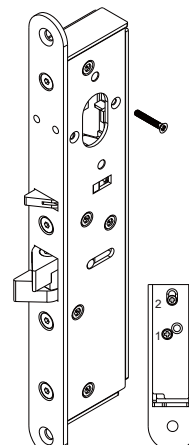
Do not completely remove screw 2 (as marked in the figure) as the interior solenoid might fall off.

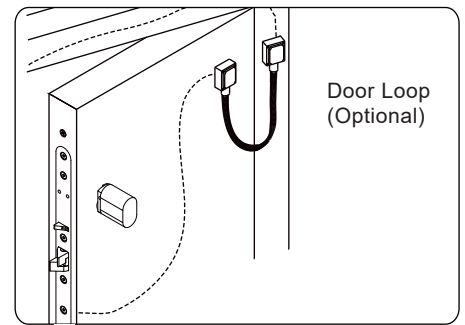
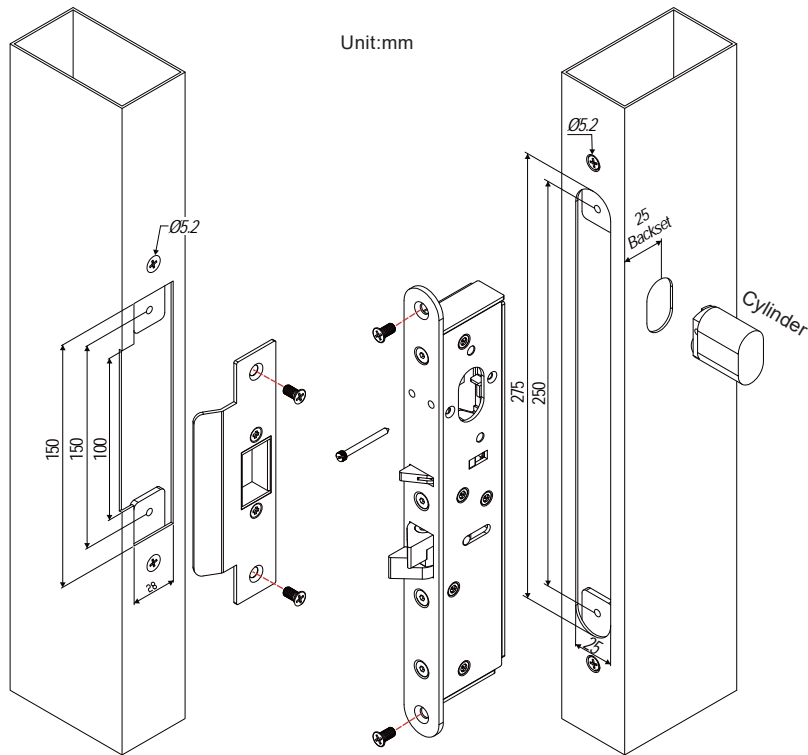
Stud Bolt Position

For fail-safe mode

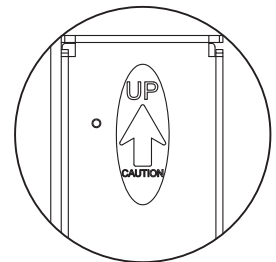


For fail-secure mode

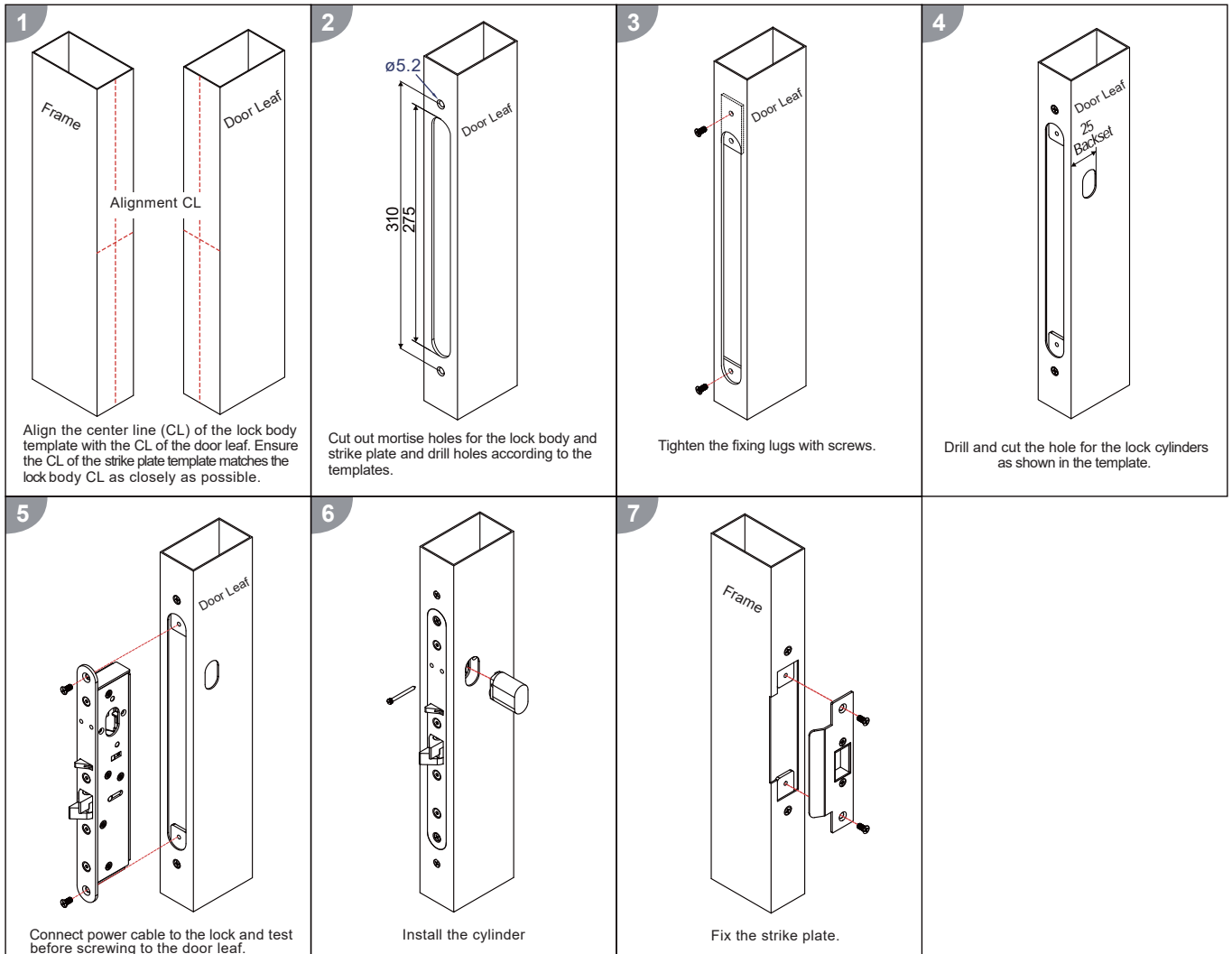




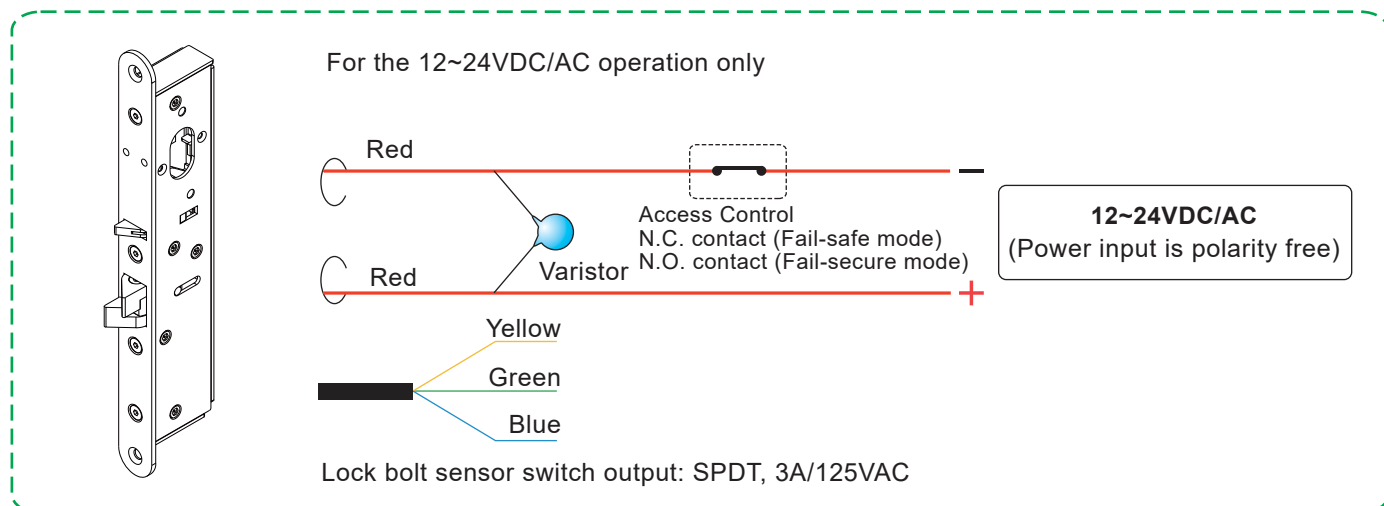
The door loop protects the wiring from damage at the door hinge.



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

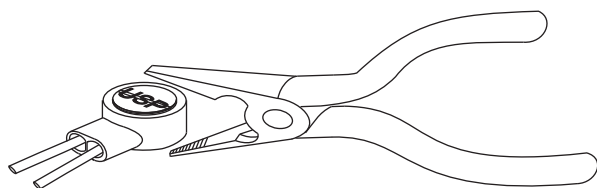


Wiring Diagram



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.