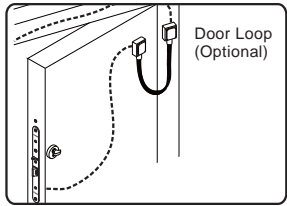
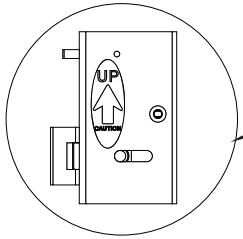


Installation Instructions

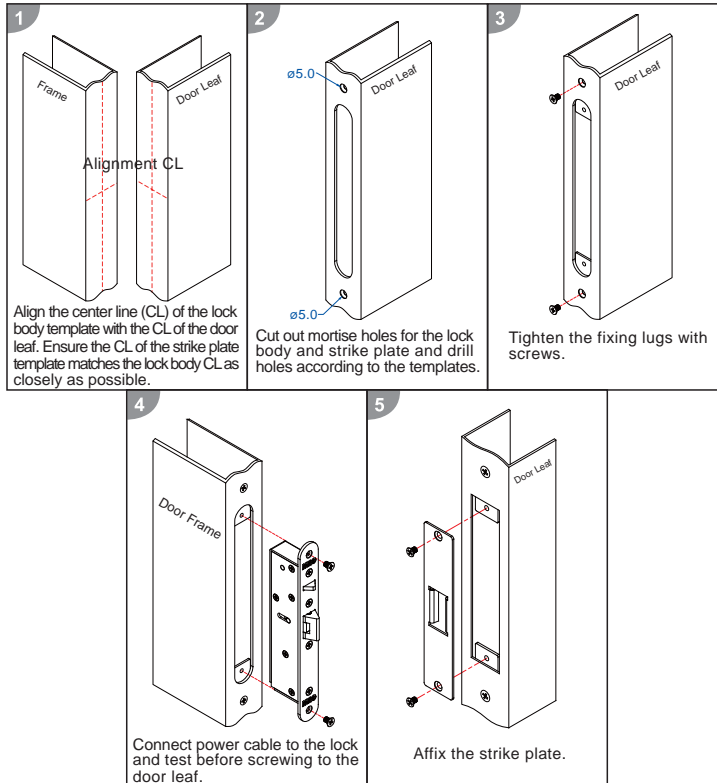
Unit:mm



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



Attention! Please ensure that the template is the correct way up

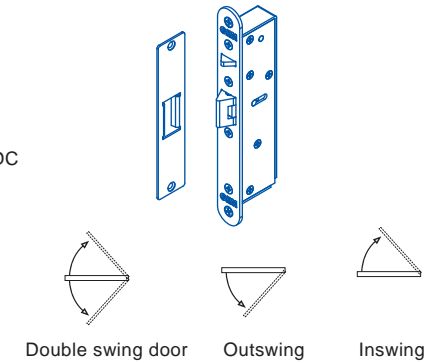


ML-210 Electromechanical Lock ML-210-SW Installation Instruction

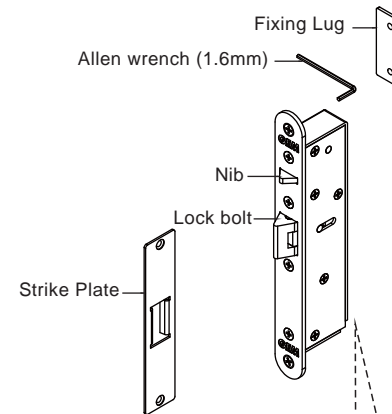
Specifications

- Operating Voltage» ML-210: 12 or 24VDC
ML-210-SW: 12~24VDC/AC
- Voltage Tolerance» $\pm 10\%$
- Current Draw» ML-210: 280mA/12VDC; 140mA/24VDC
ML-210-SW: 210mA/12VDC; 150mA/24VDC
- Version Changeable» Fail-safe or Fail-secure
- Operating Temperature» -10~45°C
- Humidity» 0~95% non-condensing
- Lock bolt sensor switch output» SPDT rated 3A/125VAC
- Solenoid testing» Tested to 1,000,000 cycles
- Net Weight» ML-210: 540g / ML-210-SW: 555g
- Just applicable to vertical installation

Double Swing Doors

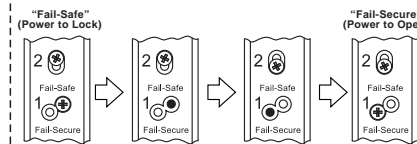


Packing Contents



Version Changeable:

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

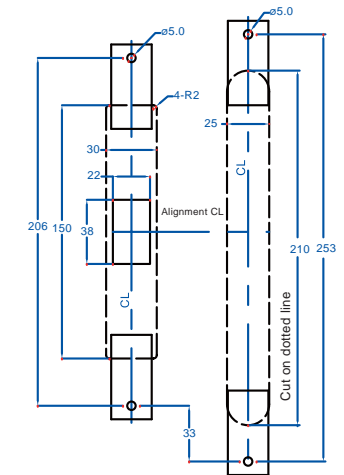


Caution:

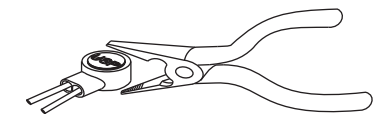
Do not completely remove screw 2 (as marked in the figure) as the interior solenoid might fall off.

Template

Unit:mm



Butt Splice (IDC) Connector



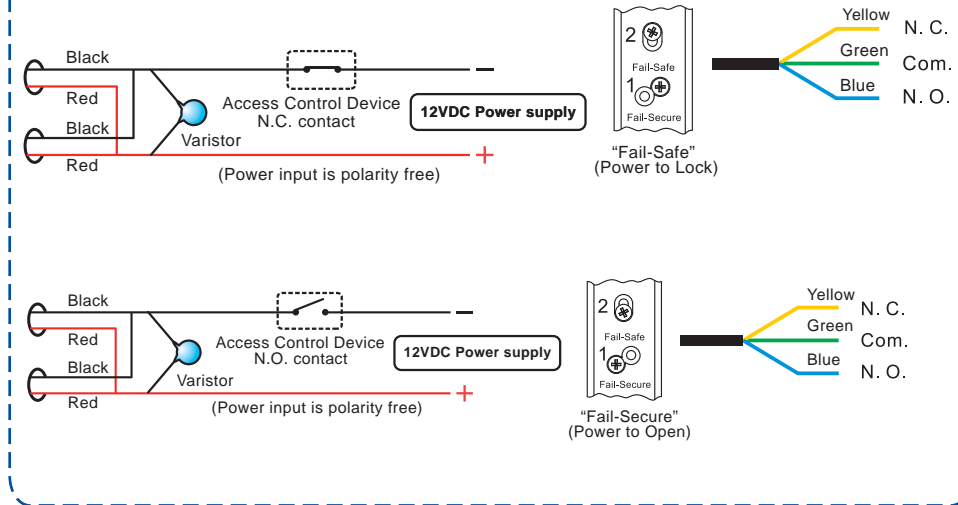
Using crimping or pliers and pressing the header of connector down to even position.

Wiring Diagram

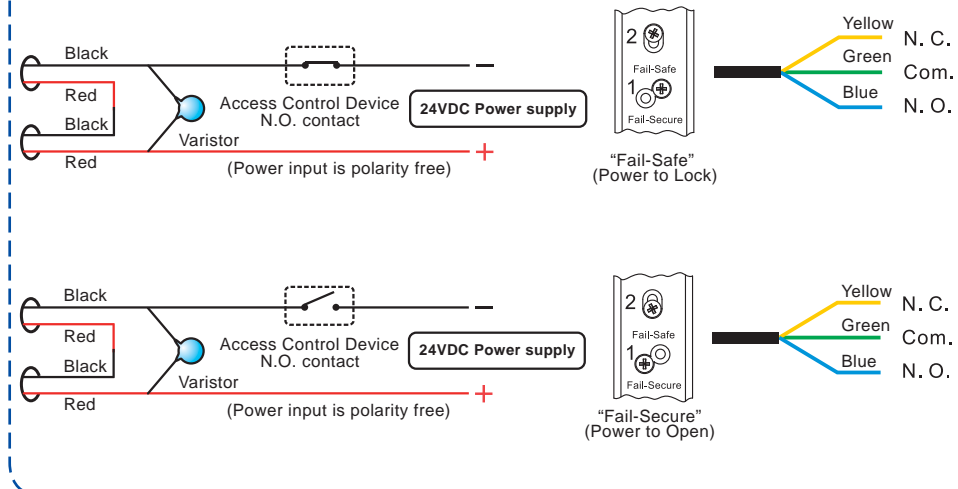
● ML-210 Voltage Input: 12 or 24VDC

● Lock bolt sensor status output

For 12VDC operation, the solenoid input wires should be connected in parallel as shown.



For 24VDC operation, the solenoid input wires should be connected in series as shown.

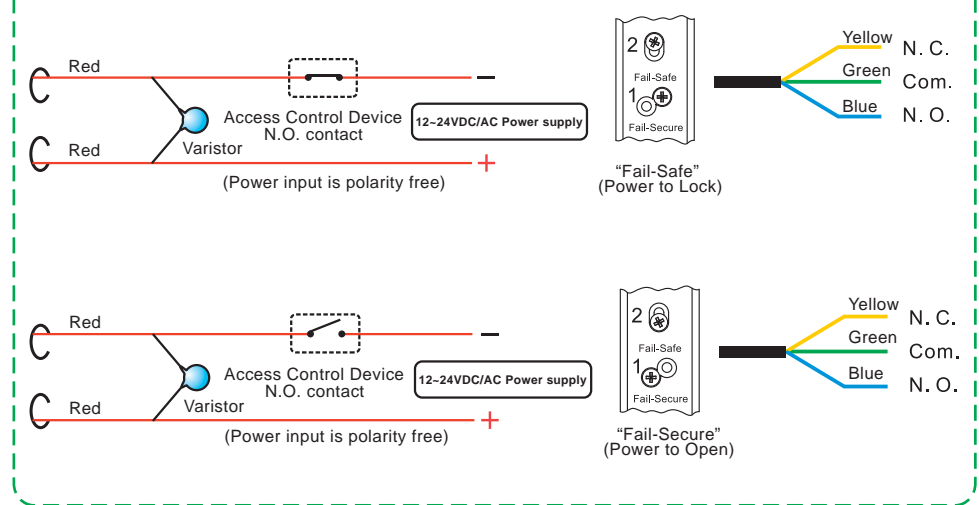


Wiring Diagram

● ML-210-SW Voltage Input: 12~24VDC/AC

● Lock bolt sensor status output

For the 12~24VDC/AC operation only



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