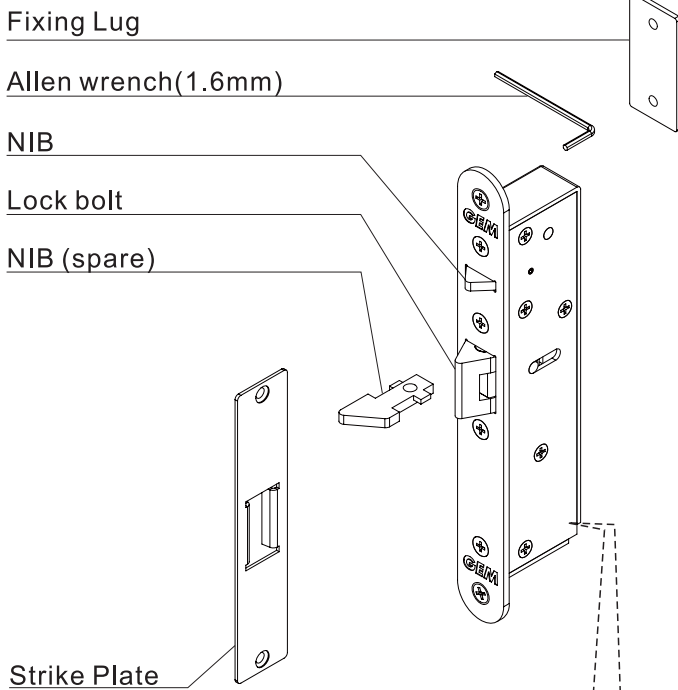
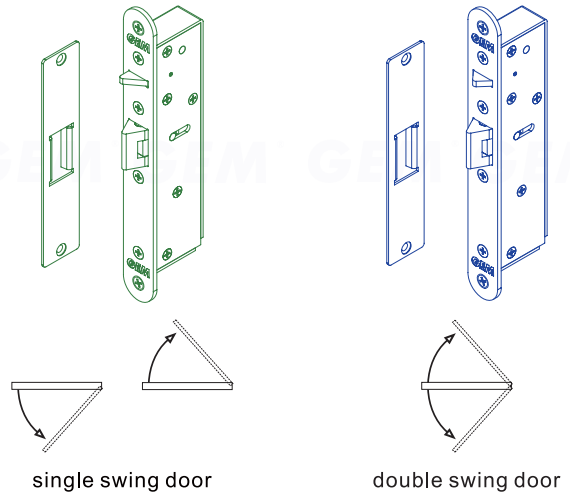


Electromechanical Lock Installation Instruction

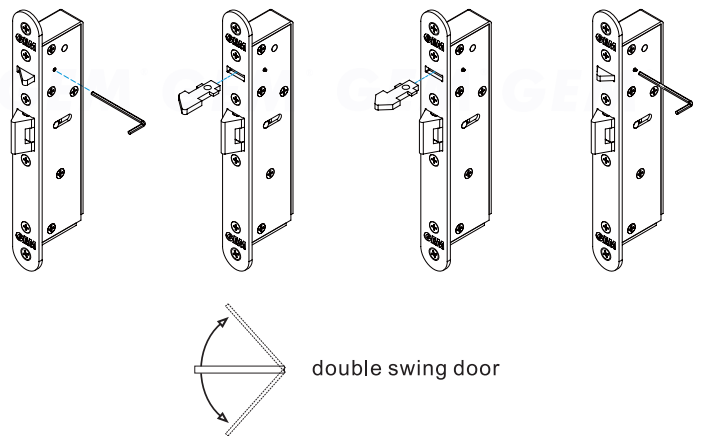
Specifications

Power Input	12/24V DC
Voltage Tolerance	±10%
Current Draw	280mA@12VDC; 140mA@24VDC
Version Changeable	Fail-safe/secure changeable
Operating Temperature	-10~45°C
Humidity	0~95% non-condensing
Lock bolt sensor switch output	SPDT rated 3A@125VAC
Solenoids testing	Tested to 1,000,000 cycles
Weight	540 g

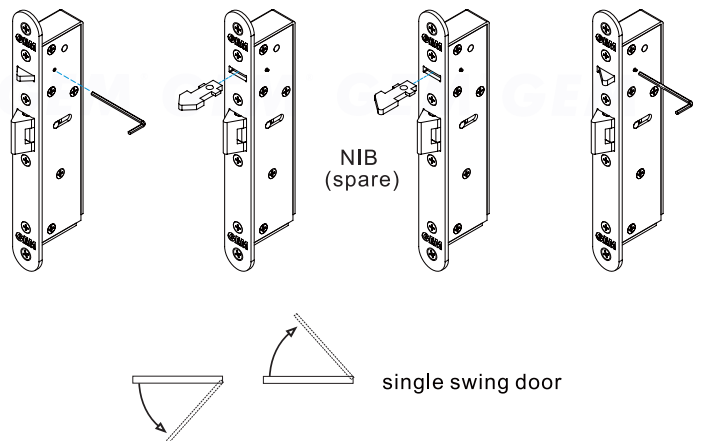


NIB Changeable

ML-210 is both suitable for "double swing door" and "single swing door". Mounting the lock will depend on your door application either right-hand or left-hand doors should be considered.

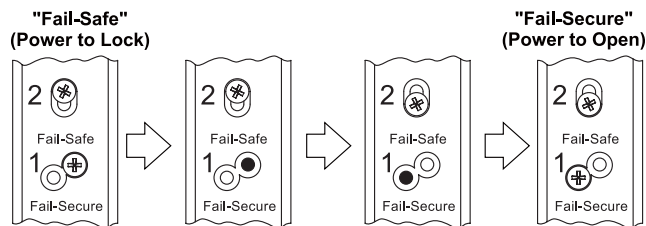


Single action door or double action door is changeable with a NIB. We provide the optional spare NIB for "single swing door" in case of necessary.

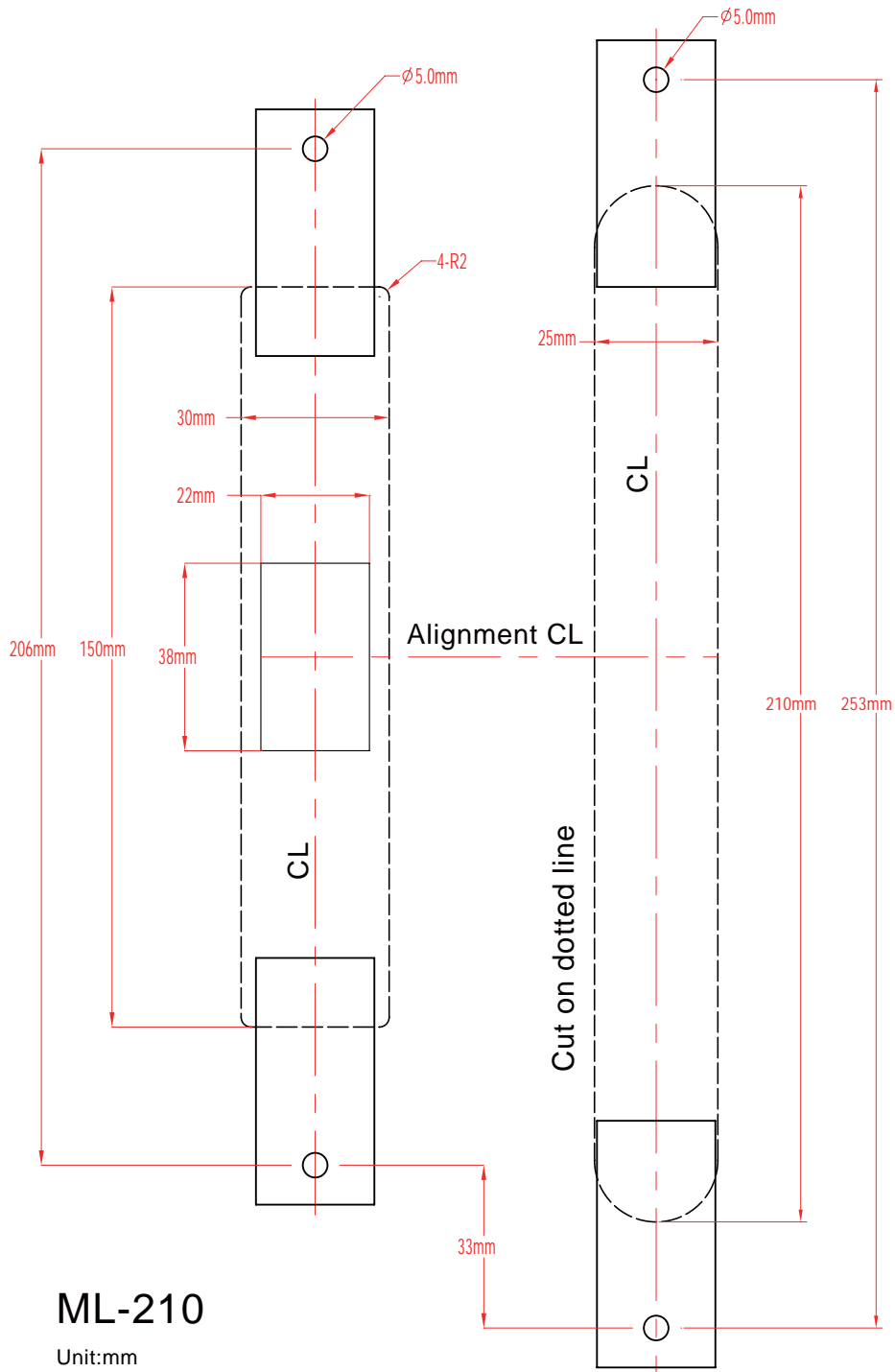


Version Changeable

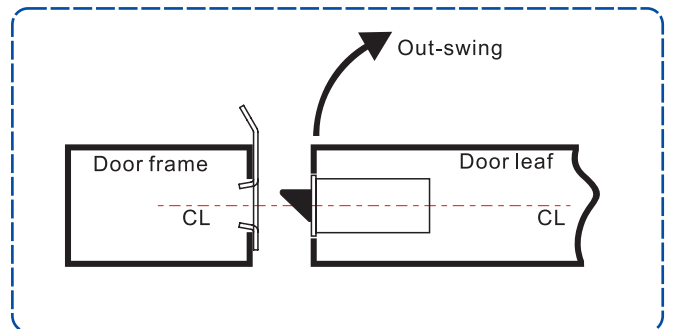
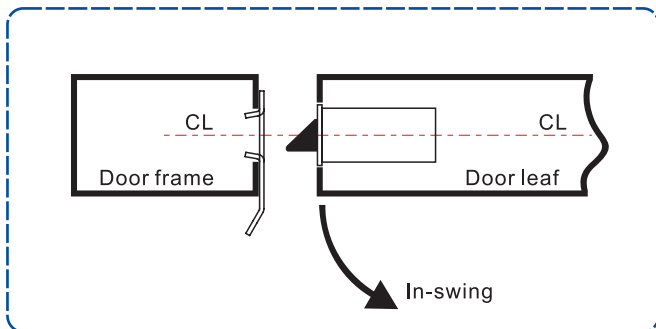
Take out the Screw 1, release the screw 2, move the position and then tighten the screw 2.



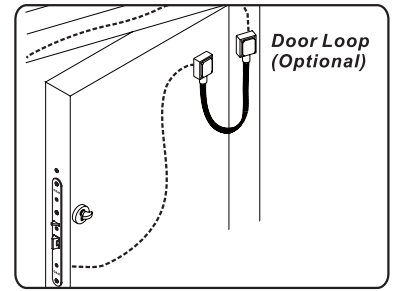
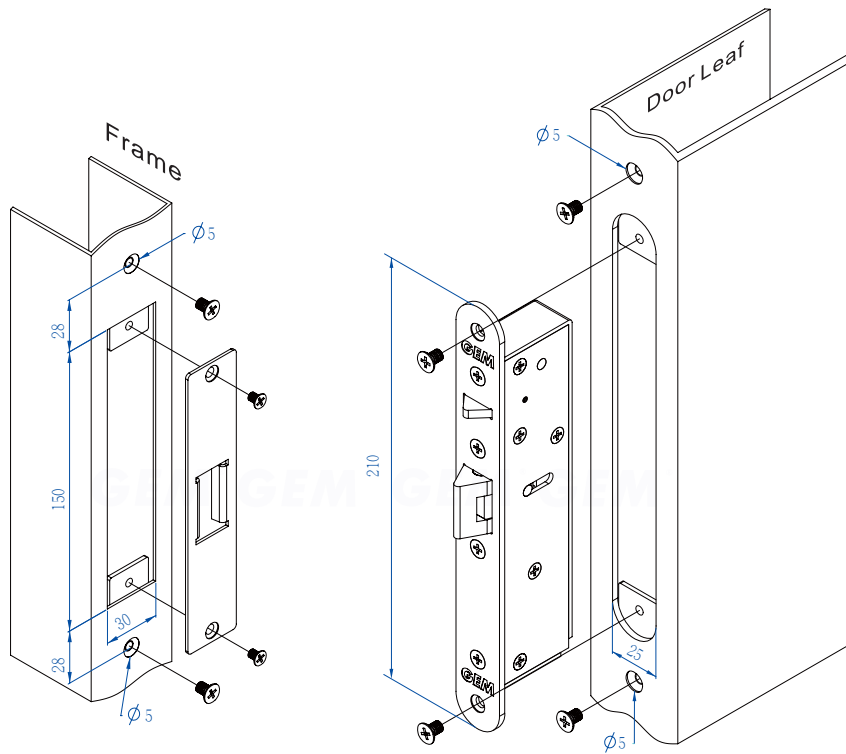
Attention:
Loosen without removing the screw 2 to easily transfer to the next field.



Attention: For “Single swing door” installation, Strike Plate and NIB can be adjusted thru the door opening and closing direction. (refer to page 1 for related NIB adjustment)

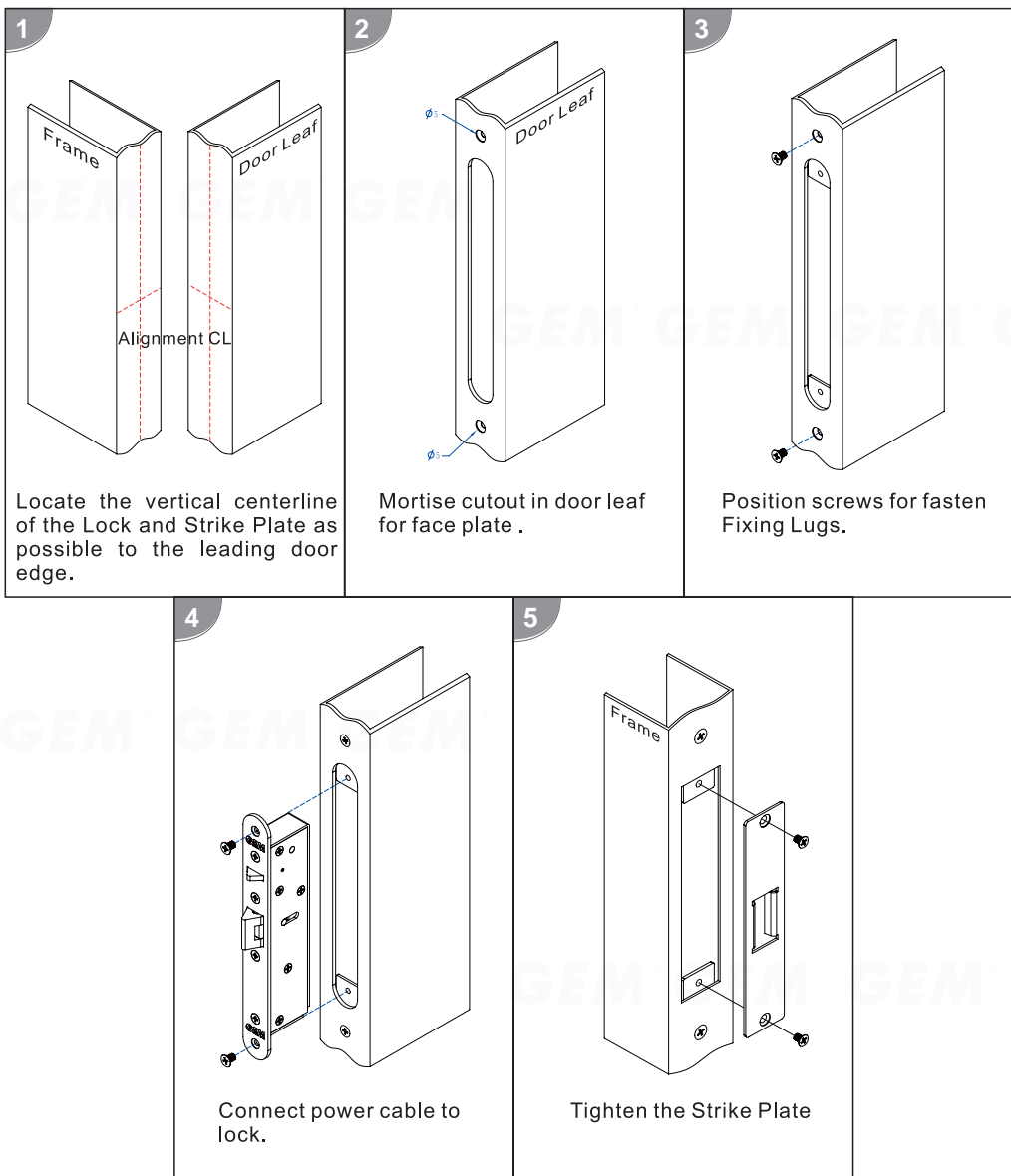


Installation Instructions



The Door Loop is for protection of extension wiring from damages with high security concerns.

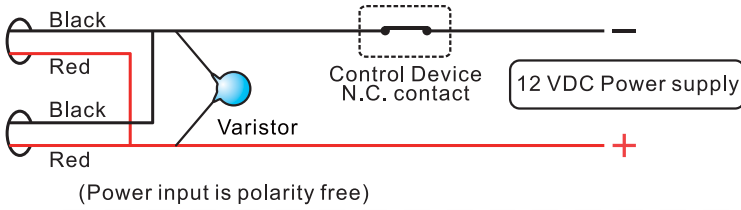
Unit: mm



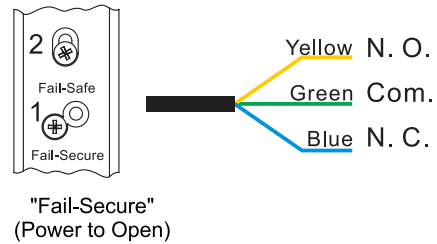
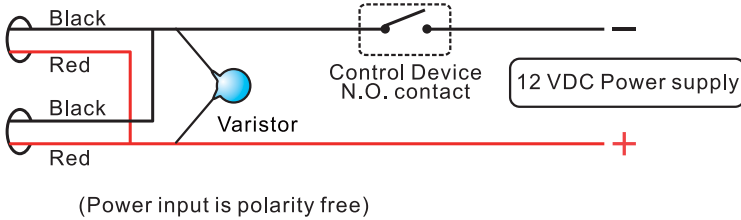
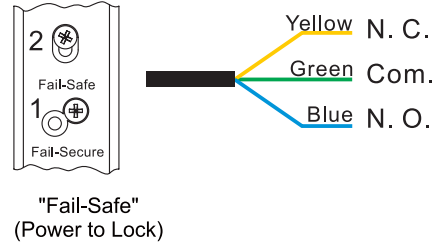
Connecting Diagram

• Voltage Selection for 12&24 VDC

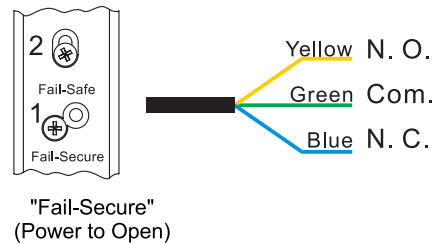
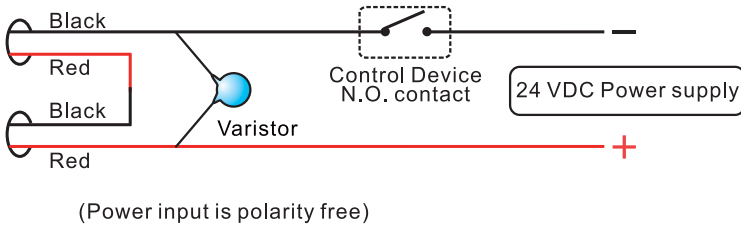
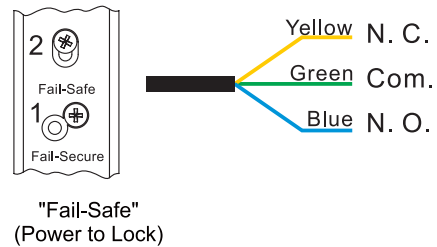
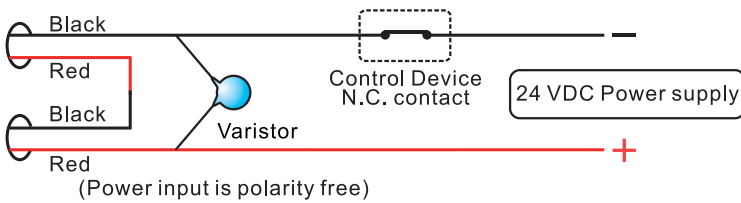
For the **12 VDC** operation, the electric strikes have to connect **in Parallel**.



Lock bolt sensor switch output

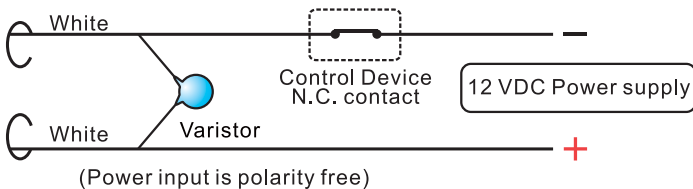


For the **24 VDC** operation, the electric strikes have to connect **in series**.

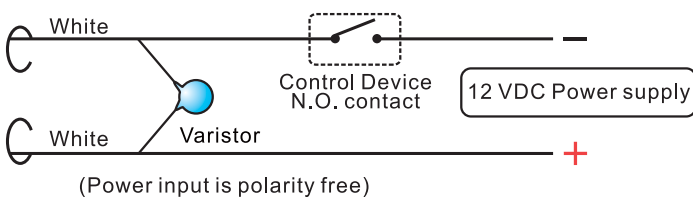
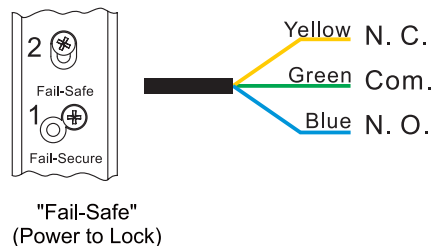


• Voltage for 12 VDC

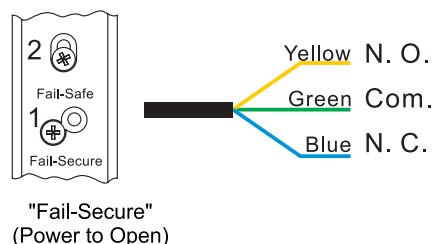
For the **12 VDC** operation only



Lock bolt sensor switch output



Lock bolt sensor switch output



NOTE: The varistor (or diode) must be connected across the lock terminal (electromagnet...) operated by the device. The varistor controls the overload produced by the strike coil (EMP).