GML600 Series

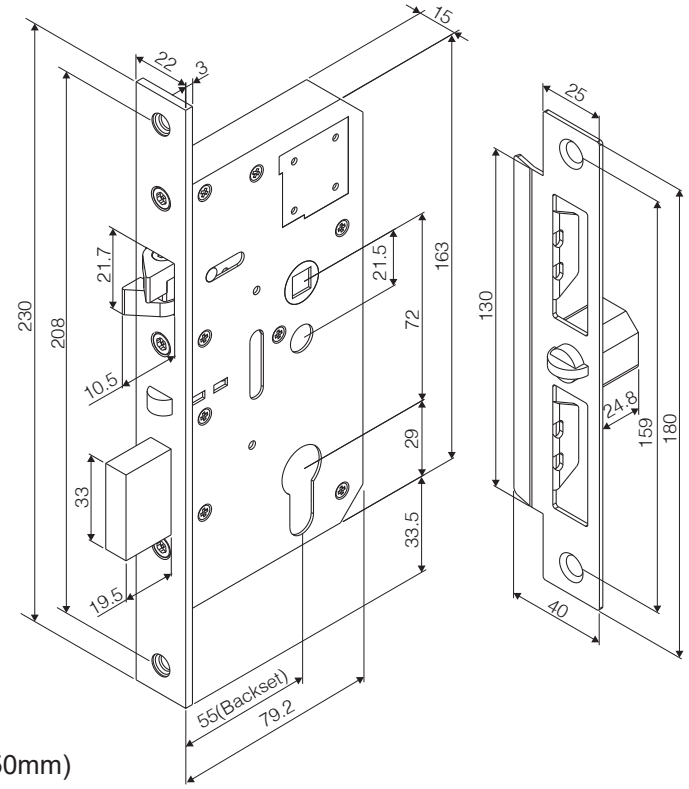
Electromechanical Mortise Lock Installation Instructions

Specifications

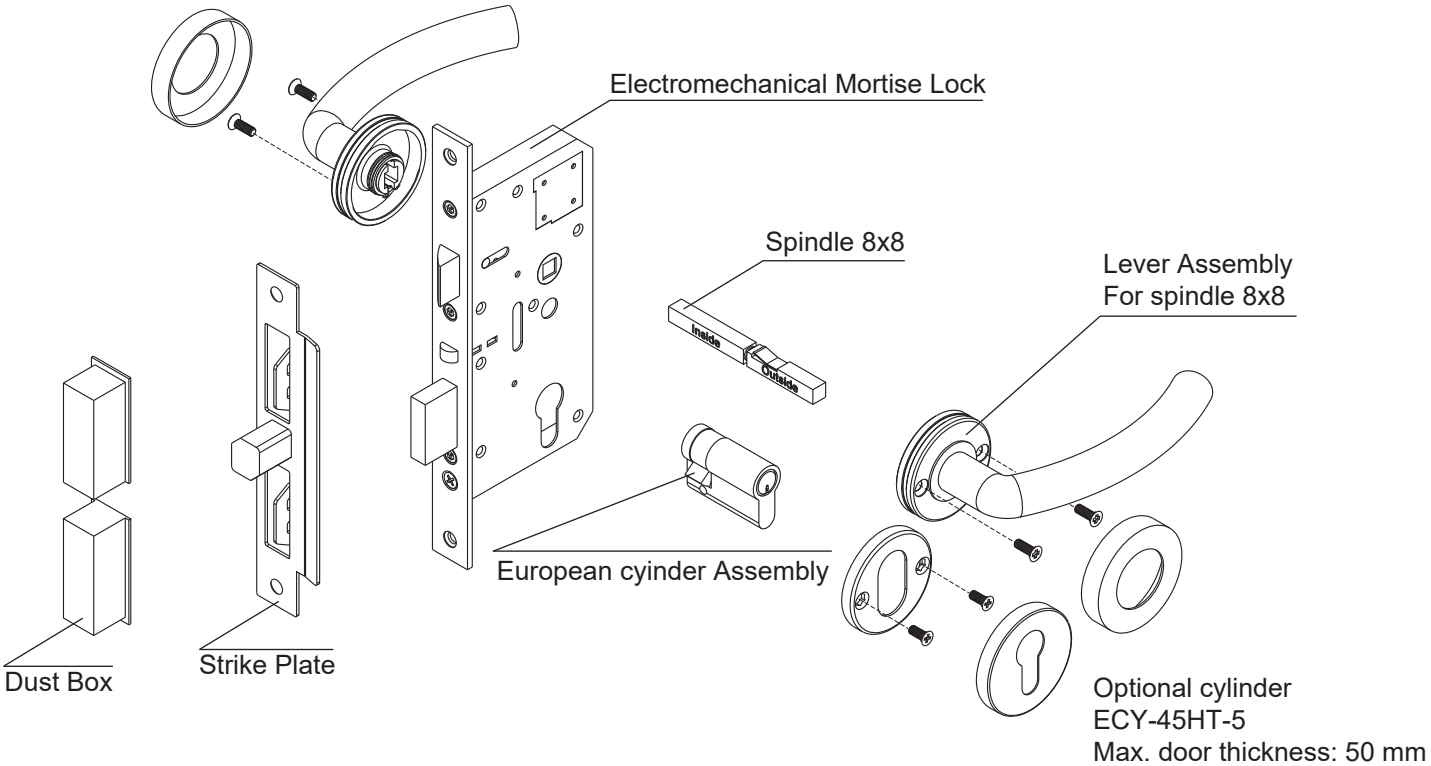
- Operating Voltage: 12~24VAC/DC
- Current Draw: 180mA/12 VDC, 150mA/24 VDC
- Temperature: +14° to 120°F (-10° to +49°C)
- Humidity: 0 to 85% Non-condensing
- Latch Throw:10.5mm
- Backset: 2 3/16" (55mm)
- Fail-secure (Power to unlock)
- Relock Time Delay: 3~10seconds
- Lock bolt sensor output
- Finish: Brushed stainless steel (US32D)
- Endurance: 250, 000 cycles (Factory tested)
- Optional cylinder: ECY-45HT-5 (Max. door thickness 50mm)

Dimensions

UnitL mm



Installation Diagram



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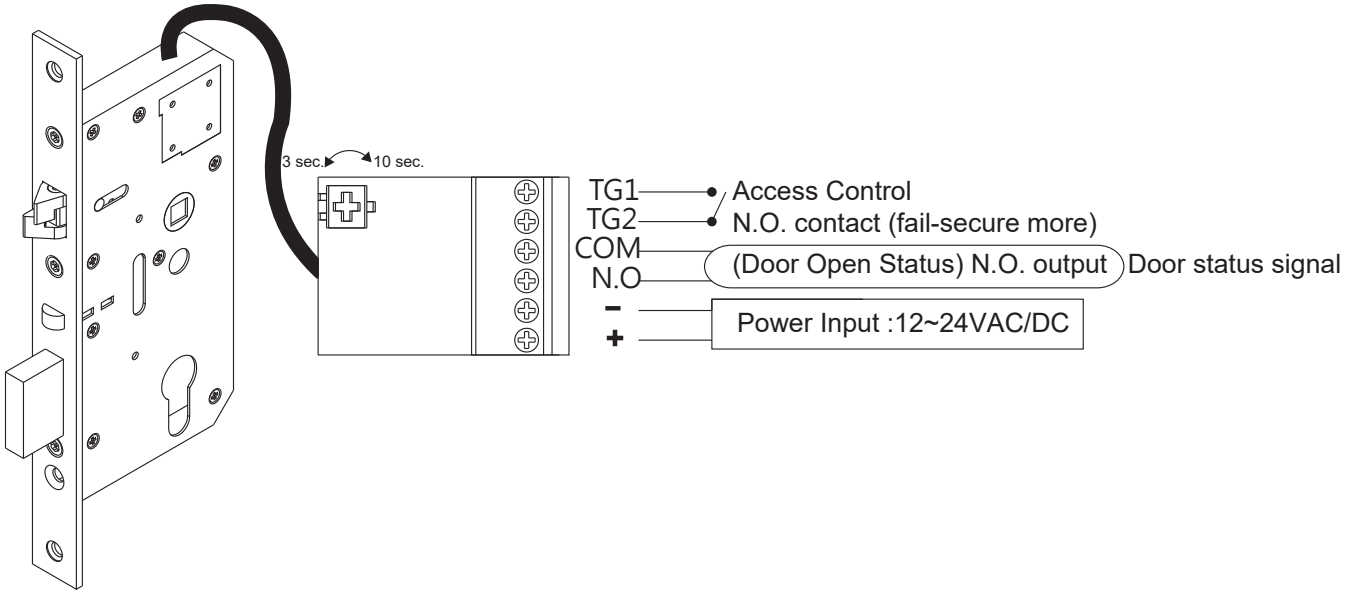
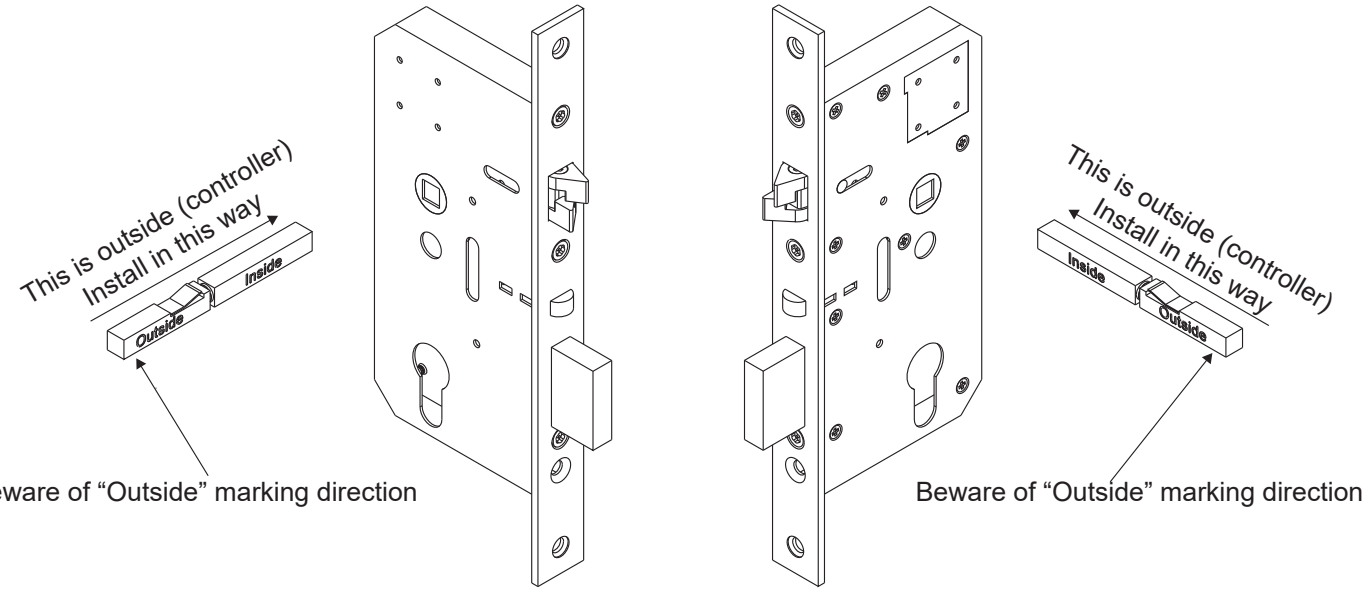
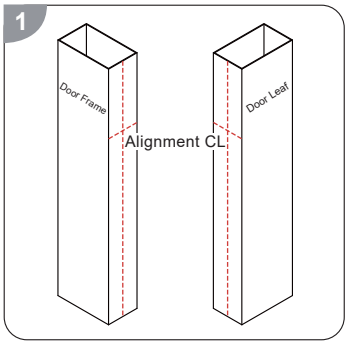
Wiring Diagram



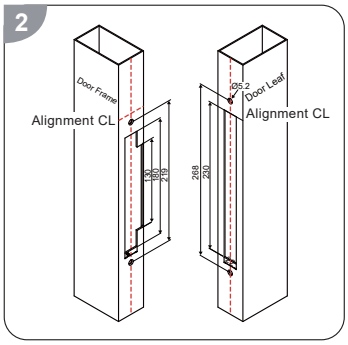
Lever Control



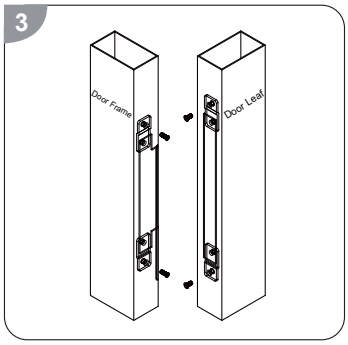
Installation Instruction



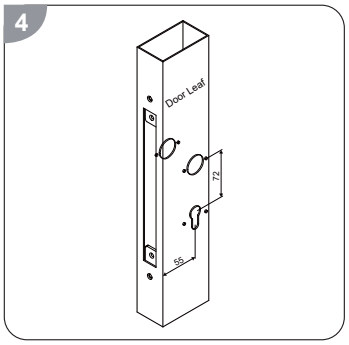
Align the center line (CL) of the lock body template with the CL of the door leaf. Ensure the CL of the strike plate matches lock body as closely as possible.



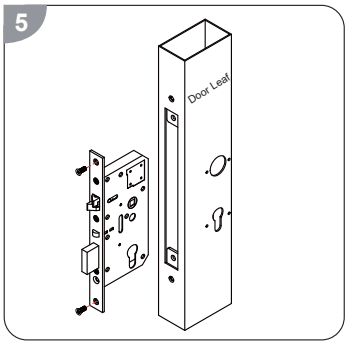
Cut out mortise holes for the lock body and strike plate and drill holes according to the templates.



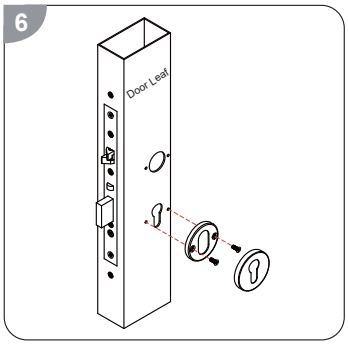
Tighten the fixing lugs with screws.



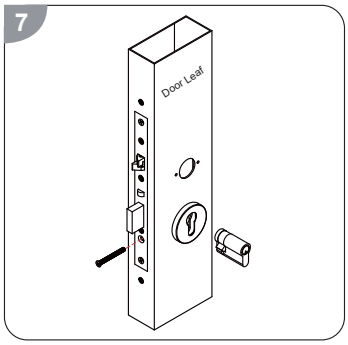
Cut the cylinder hole. (backset: 35 mm)



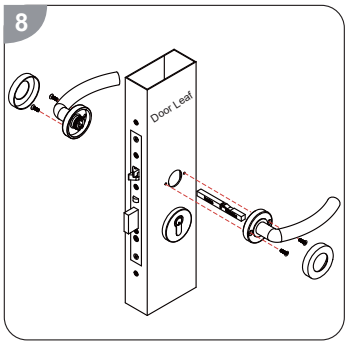
Connect power cable to the lock and secure the lock to the door leaf.



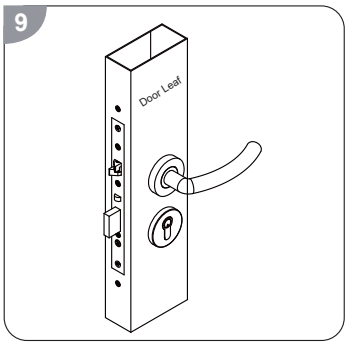
Install cylinder rose



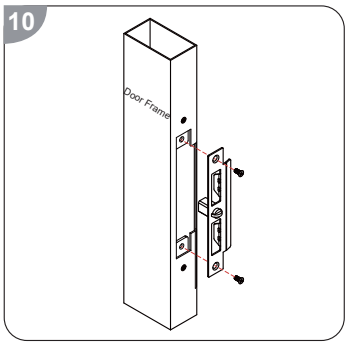
Install cylinder
(Optional cylinder:ECY-45HT-5)



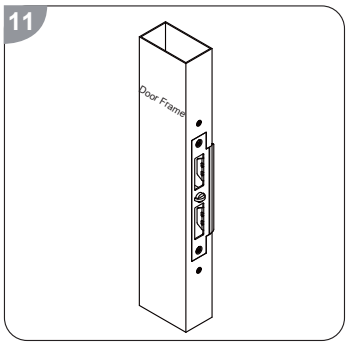
Install handle set
(Be aware Spindle direction)



Complete



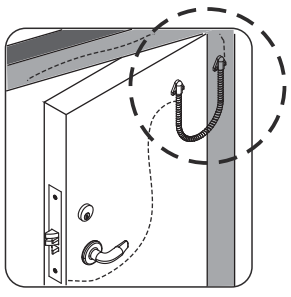
Install strike plate



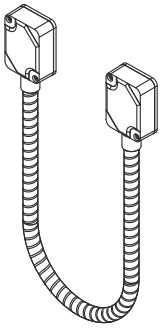
Complete

Optional Electrical Accessories

The power transfer door loop protects the running wires from the door frame to door leaf.



Armored Door Loop with End Caps



Armored Door Loop with Removable Cover

Crimp Connectors

Place the wire inside the connector and use pliers to press down on the head of the connector evenly.