

Electric Dropbolt Installation Instructions

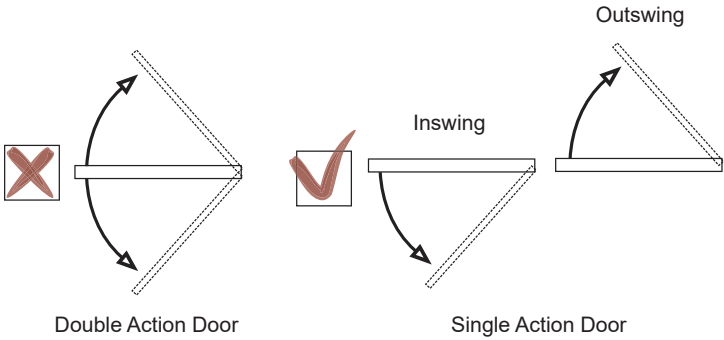
(Fail-Secure Series)

Specifications

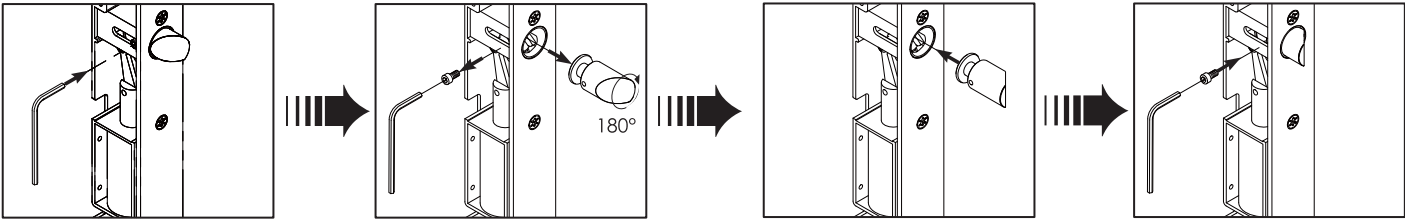
EB270
EB270M (Monitored)

Fail-Secure series of Electric Dropbolt Locks are not suitable for double action swing doors. They are only suitable for either inswing or outswing doors.

Operating Voltage		12~28VDC
Voltage Tolerance		±10%
Current Draw		1.2A/12VDC
Operating Temperature		-10~+45°C
Humidity		0~95%
Auto Relocking Timer Setting (Default setting)		5 Seconds
Dimensions	Lock	260x30x48mm
	Strike Plate	100x46x1.5mm



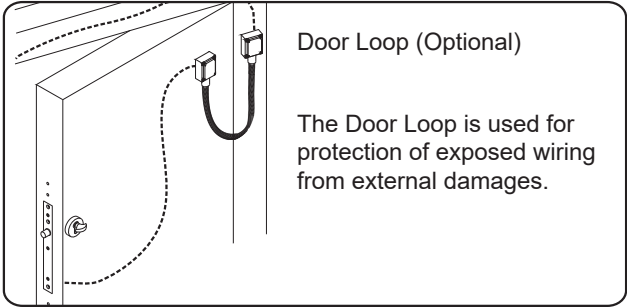
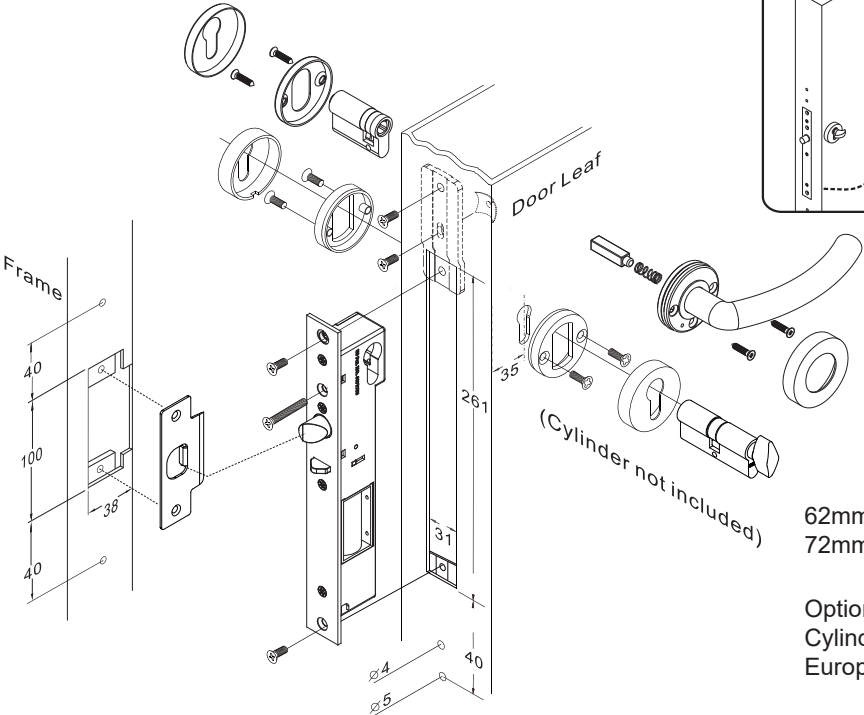
Reverse the latchbolt for right or left handed doors.



Door Preparation

Unit:mm

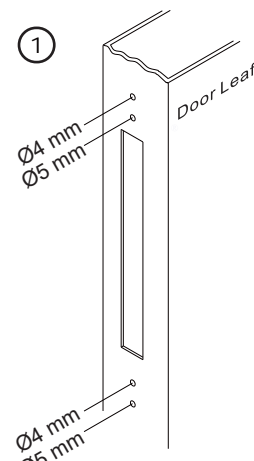
45mm cylinder suits max , 52mm width door thickness

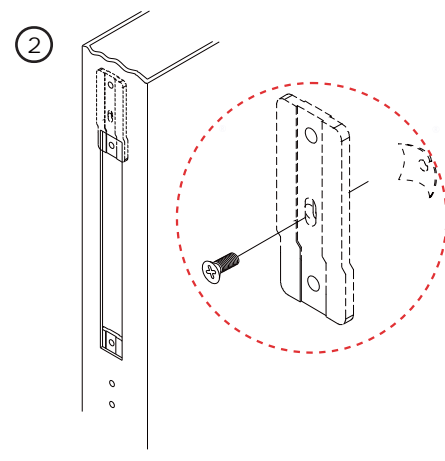


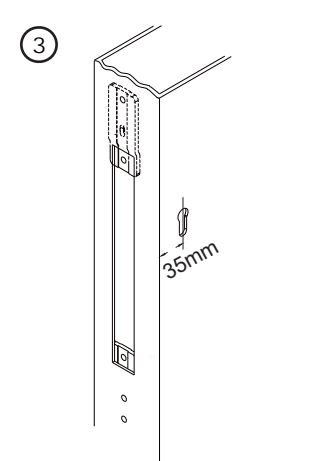
62mm cylinder suits for max , 42mm width door thickness
72mm cylinder suits for max , 52mm width door thickness

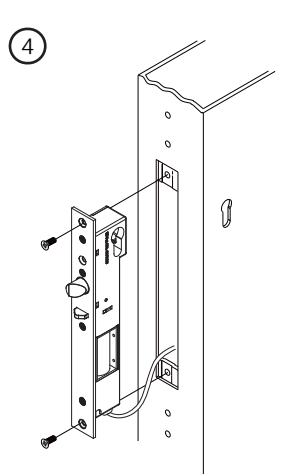
Optional Purchase
Cylinder Handle Set:LHS-ECY-45-HDE
European Sized Cylinder:ECY-72S

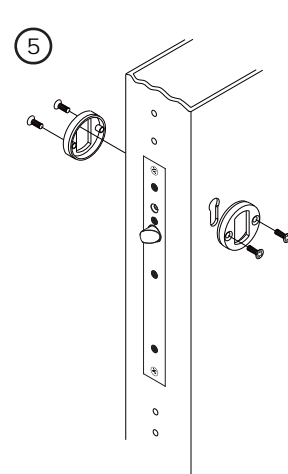
Installation Instructions

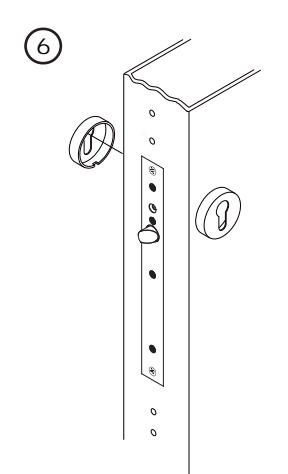
- ① 

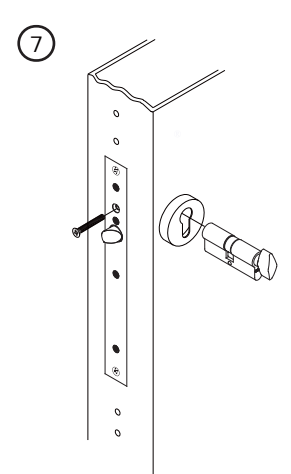
Drill holes and mortise door edge according to the template
- ② 

Attach fixing lugs
- ③ 

Cut hole in the door for cylinder
- ④ 

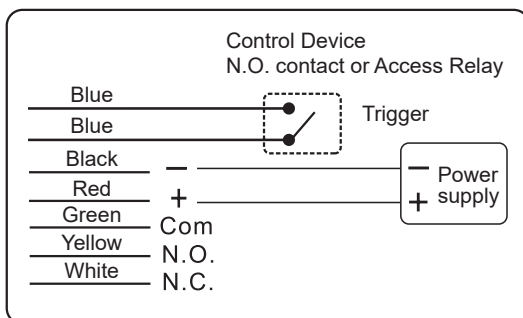
Connect wiring to the lock
- ⑤ 

Insert the lock into mortise cutout and fasten screws to doors
- ⑥ 

Install cylinder cover
- ⑦ 

Use 5x45mm Philip flat head screw to tighten the cylinder

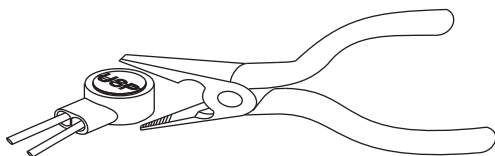
Wiring Diagram



Warning

1. The connection of an incorrect voltage may result in damage and is not covered by the product warranty.
2. Select the appropriate power supply cable to ensure if the lock receives sufficient power to operate.
3. This product has been designed for use in weather protected areas and normal circumstances, hence it does not require any maintenance. **DO NOT OIL OR LUBRICATE.**
4. This product must be used in conjunction with a quality floor spring or door closer to ensure positive realignment on closing.

Butt Splice (IDC) Connector



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