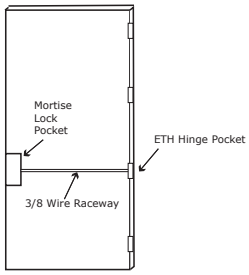
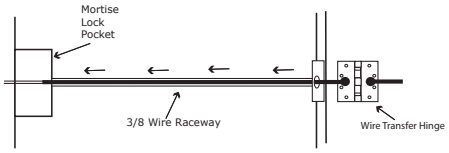
Installation Instructions for DL1080 EURX/ELRX Locks

Step 1 - The door must be preped according to origional manufactures template, machined with a 3/8" wire raceway, & preped for a energy transfer hinge.
Make sure the mortise pocket is free of debris.

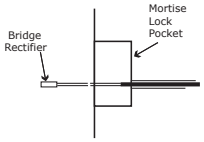


Step 2 - Run the wires from the ETH hinge through the 3/8" raceway starting at the ETH hinge & exiting into the mortise pocket.

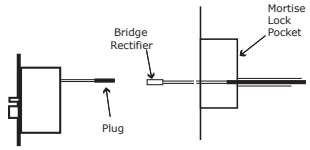


Step 3 - Screw the ETH hinge to the door. At this time **DO NOT** connect the hinge wires on the jamb side to the wires coming from the power supply.

Step 4 - Connect the wires exiting the mortise pocket to the Bridge Rectifier (included).



Step 5 - Connect the Bridge Rectifier to the plug exiting the mortise chassis.



Step 6 - Carefully slip the connected mortise lock chassis into the mortise pocket paying close attention not to pinch any wires

Step 7 - Mount the chassis per manufacturer's instructions.

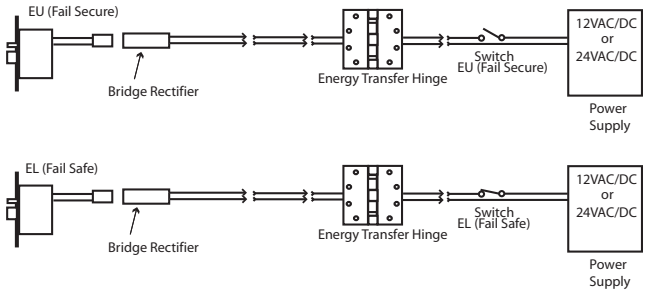
Step 8 - Connect the wires from the power supply at the ETH hinge on the jamb side. Connect the hinge to the jamb.

Legend of Terms

EU (Fail Secure): When power is applied, the outside trim will unlock. When power is removed, the outside trim is locked.

EL (Fail Safe): When power is applied, the outside trim will lock. When power is removed, the outside trim is unlocked.

RX (Request to Exit Switch): Monitors the inside handle.



Electrical Specifications

Solenoids:

Volts	Current	Coil Resistance
24VAC/DC	300mA	66.6 Ohms +/- 10%
12VAC/DC	600mA	17.5 Ohms +/- 10%

Switches: 5A 124VAC/DC

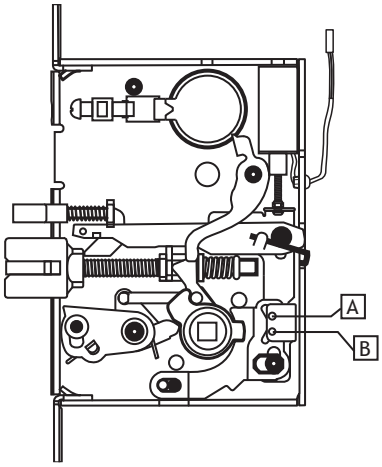
RX : Green - Common (C)
Blue - Norm. Open (NO)
Gray - Norm. Closed (NC)

LM : Green/Black - Common (C)
Blue /Black- Norm. Open (NO)
GrayBlack - Norm. Closed (NC)

DPS : Green/Red - Common (C)
Blue/Red - Norm. Open (NO)
Gray/Red - Norm. Closed (NC)

Lock Handing Instructions & Instructions to change lock from EU/EL on back

Instructions To Set Function Fail Safe or Fail Secure for DL 1080



STEP 1 Remove the (4) philips head screws holding on the cover.

STEP 2 Locate the holes **"A"** & **"B"** in the illustration.

STEP 3 Remove the metal pin with a magnetized screw driver. Make sure the pin is completely seated when re-inserted in either hole A or B.

STEP 4 Be careful to make sure the solenoid remains in the correct position in the machined cavity in the cover. Re-install the cover with the 4 screws previously removed. The cover should lay flat on the lock chassis. If not, check to see if the lock parts are seated correctly in the chassis.

A	***Fail Secure*** (Electrically Unlocked) - Make sure the pin is in hole "A"
B	***Fail Safe*** (Electrically Locked) - Make sure the pin is in hole "B"

**** We recommend that this procedure be done by someone having experience with mortise locks ****

Handing Instructions for DL 1080 Lock

Step 1 - Locate the handing screw. This screw is used to hand the handles. The locking side is opposite the screw.

Step 2 - To hand the latchbolt, remove the faceplate . Pull the latchbolt out of the chassis and rotate, then release. The latchbolt is spring loaded and will return on it's own.