Installation Instructions
CLN70/80/94/96

COMMAND ACCESS
TECHNOLOGIES

Schlage Lock modified by Command Access Technologies

STEP 1: The door must be machined with a 3/8" wire raceway, cylindrical lock pocket & prepped for a energy transfer hinge. **Make sure the cylindrical pocket is free of debris.**
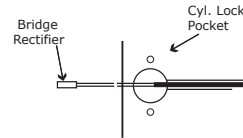
Cyl. Lock Pocket

ETH Hinge Pocket

3/8 Wire Raceway
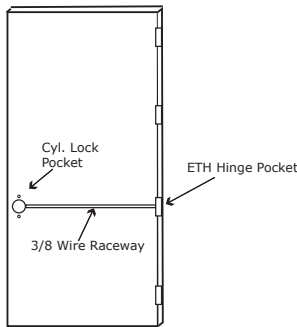
STEP 2: Run the wires from the ETH hinge through the 3/8" raceway starting at the ETH hinge & exiting into the lock pocket.

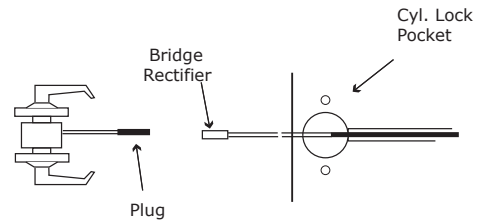Cyl. Lock Pocket

3/8 Wire Raceway

Wire Transfer Hinge
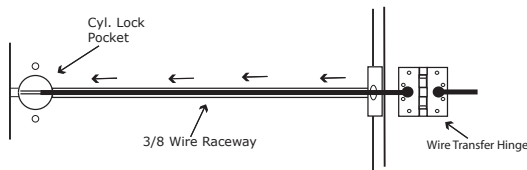
STEP 3: Screw the ETH hinge to the door. At this time **DO NOT** connect the hinge wires on the jamb side to the wires coming from the power supply.

STEP 4: Connect the wires exiting the lock pocket to the Bridge Rectifier (included).

Cyl. Lock Pocket

Bridge Rectifier

STEP 5: Connect the Bridge Rectifier to the plug exiting the cylindrical chassis.

Cyl. Lock Pocket

Bridge Rectifier

Plug

STEP 6: Carefully slip the connected cylindrical lock chassis into the lock pocket paying close attention not to pinch any wires.

STEP 7: Mount the cylindrical lock 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.

REX: (Request to Exit Switch) Monitors the inside handle.
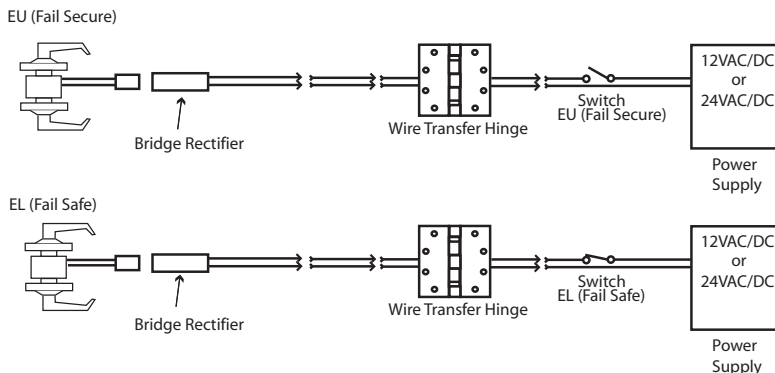
ELECTRICAL SPECIFICATIONS

SOLENOIDS:

VOLTS	CURRENT	COIL RESISTANCE
24VAC/DC	150mA	159 Ohms +/- 10%
12VAC/DC	250mA	49 Ohms +/- 10%

SWITCHES: .25A 175VAC/DC

REX: White - Common (C)
Blue - Normally Open (NO)
Black - Normally Closed (NC)

EU (Fail Secure)

Bridge Rectifier

Wire Transfer Hinge

Switch EU (Fail Secure)

12VAC/DC or 24VAC/DC

Power Supply

EL (Fail Safe)

Bridge Rectifier

Wire Transfer Hinge

Switch EL (Fail Safe)

12VAC/DC or 24VAC/DC

Power Supply

SEE BACK FOR REX TEMPLATE

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Template for Schlage CLN70/80/94/96 Cylindrical Locks

Edge of door

5/16" diameter
through hole

2-1/8" diameter
through hole for
interior side only

7/16" diameter
1-3/8" deep on
interior side

1-3/8"

C
L

1-3/8"

5/16" diameter
through hole

Edge of door

2.75"

4.03125"