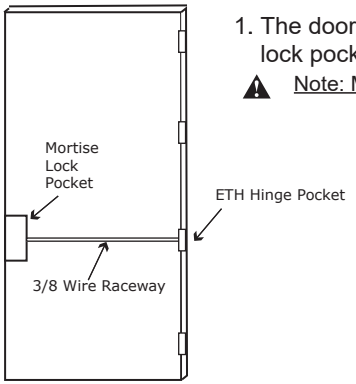
MC7000 Mortise Locks

Electrified Installation

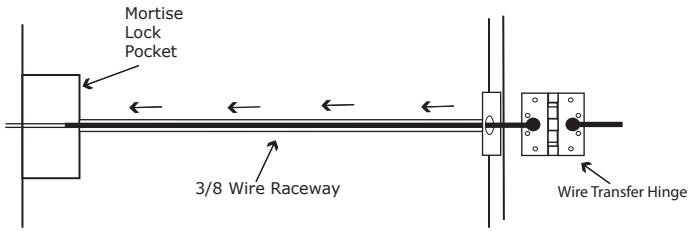
Installation of Electrified Mortise Lock:



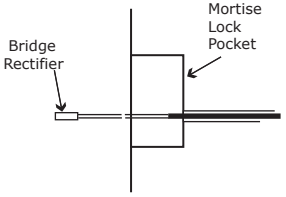
1. The door must be machined with a 3/8” wire raceway mortise lock pocket & prepped for an energy transfer hinge.

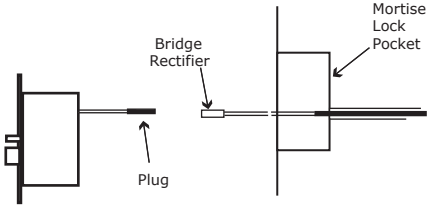
⚠ Note: Make sure the mortise pocket is free of debris

2. Run the wires from the ETH hinge through the 3/8” raceway starting at the ETH hinge and exiting into the mortise pocket.



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.
4. Connect the wires exiting the mortise pocket to the Bridge Rectifier (included)
5. Connect the Bridge Rectifier to the plug exiting the mortise chassis





6. Carefully slip the connected mortise lock chassis into the mortise pocket paying close attention not to pinch any wires.
7. Mount the chassis into the door frame
8. Connect the wires from the powersupply at the ETH hinge on the jamb side. Connect the hinge to the jamb.

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Electrical Specifications:

Solenoids

Volt	Current	Coil	Resistance
24VAC/DC	350mA	69 Ohms	+/- 10%
12VAC/DC	700mA	18 Ohms	+/- 10%

Switches

REX
Green - Common (C)
Blue - Normally Open (NO)
Gray - Normally Closed (NC)

LBM
Green/Black - Common (C)
Blue/Black - Normally Open (NO)
Gray/Black - Normally Closed (NC)

DPS
Green/Red - Common (C)
Blue/Red - Normally Open (NO)
Gray/Red - Normally Closed (NC)

Legends 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.
* **LBM:** (Latchbolt Monitor Switch) Monitors the position of the latchbolt.
***DPS:** (Door Position Switch) Monitors the door via the anti pick (deadlatch).

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