

Electrically Locking

L9080 EL Electrically Locked (Fail Safe):

Outside trim is continuously locked electrically. The latchbolt is retracted by a key outside or by the knob/lever inside. Switch or power failure allows the outside knob/lever to retract the latchbolt. The auxiliary latch deadlocks the latchbolt when the door is closed. The inside knob/lever is always free for immediate exit.

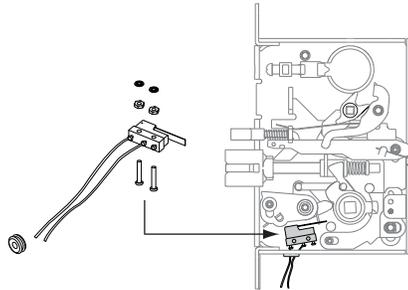
L9080 EU Electrically Unlocked (Fail Secure):

Outside trim is unlocked electrically. The latchbolt is retracted by a key outside or by knob/lever inside. The auxiliary latch deadlocks the latchbolt when the door is closed. The inside knob/lever is always free for immediate exit.

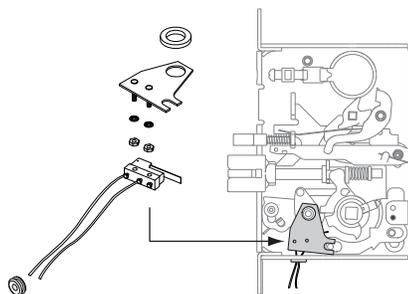
Request to Exit (RX) Feature*:

A microswitch inside the lock case is activated when the knob/lever is rotated. The switch signals the use of that opening to security systems allowing a non-disruptive means of immediate egress. Specify L-Series lock case with L283-059 for normally closed or L283-125 for normally open, and LV-Series lock case with L283-197 for normally closed and L283-196 for normally open.

LV-Series RX Switch



L-Series RX Switch



Available on L and LV Series: L9080EL/EU, L9010, L9050, L9060, L9070, L9071, L9076, L9077, L9080, L9056, L9496, L9453, L9453, L9456, L9457, L9082EL/EU

L9082 EL or EU Electrically Locked or Unlocked Both Sides:

The same as L9080EL/EU, except both knobs/levers are locked or unlocked simultaneously. (Previously XL11-452).

Cylinders:

All Schlage cylinders are available with the previously mentioned locks. Specify the locks with the required cylinder code, e.g. L9080PEL (code P) for classic and full size Everest cylinders. For a complete list of order codes, see "Ordering Procedures" on page 136.

Replacement Kit:

L283-053 Solenoid and Driver, EL or EU.

Electrical Requirements:

Voltage: 24V AC or 24V DC (max. 26V, min. 22V).
Peak Current: 1.3 Amps at 5 to 10 second intervals.
Holding Current: .135 Amps between peak current intervals.

Operating Temperature: Max +151° F, Min. -31° F.
RX Microswitch: 5 Amps, normally closed circuit.

Typical Installation:

All installations should be in accordance with local electrical codes and National Electrical Code NFPA #70. It is recommended that each lock have its own 24 volt transformer. Two or more locks may be operated in parallel from a single transformer provided it has the necessary current rating. DO NOT connect locks in series from a higher voltage rated transformer. Damage to locks may occur if they connect to a supply circuit that also contains electromagnetic devices. The transient voltage must be suppressed at the equipment producing them before connecting the locks to a circuit. A varistor rate at 35 volts (at peak current) may be used for transient voltage protection.

