**DORMA M9000 SERIES MORTISE LOCKS - EU & EL OPTIONS**

**EL - ELECTRICALLY LOCKED - FAIL SAFE**
- Outside trim is locked when the power is on.
- Outside trim is unlocked when the power is interrupted.
- Latch by key outside.
- Inside trim is always unlocked.
- Auxiliary latch deadlocks latch bolt.

**EU - ELECTRICALLY UNLOCKED - FAIL SECURE**
- Outside trim is unlocked when the power is on.
- Outside trim is locked when power is interrupted.
- Latch by key outside.
- Inside trim is always unlocked.
- Auxiliary latch deadlocks latch bolt.

**KEY FUNCTIONS**

When key cylinders are installed in locks, the latch bolt may be momentarily retracted from the outside with key even if electrically locked.

**ELECTRICAL SPECIFICATIONS**

Note: All solenoids are continuous duty type. Operating voltage at +/-10% of rated voltage

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Amp</th>
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<tbody>
<tr>
<td>24 VDC</td>
<td>.21 A</td>
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[Diagram of lock with voltage and lead wire information]
RX - REQUEST TO EXIT
REQUEST TO EXIT IS A SPDT SWITCH MOUNTED INSIDE THE LOCKSET. THE RX SWITCH MONITORS THE ACTIVATION OF THE INSIDE TRIM WHEN THE LOCKSET IS IN THE LOCKED POSITION ONLY. - OPERATING INSIDE TRIM CYCLES SPDT SWITCH TO SIGNAL USE OF THE DOOR.

LM - LATCH BOLT MONITORING
LATCH BOLT MONITORING IS A SPDT SWITCH MOUNTED INSIDE THE LOCKSET. THE LM SWITCH MONITORS THE RETRACTION OF THE MAIN LATCH BOLT.

ELECTRICAL SPECIFICATIONS
SPDT MECHANICAL SWITCH
VOLTAGE CURRENT
30 VDC 2 AMP

NOTE: RATINGS SHOWN ARE FOR RESISTIVE LOAD.