Magnetic Locks

**EMLock® Magnetic Locks**

**1510 Series Grade 1**
1650 lb / 748 Kg Holding Force

**ELECTRICAL SPECIFICATIONS**
- Voltage: 12/24VDC Voltage Sensing Input
  - Single: 350mA @ 24VDC; 670mA @ 12VDC
  - Double: 700mA @ 24VDC; 1.34A @ 12VDC

**MECHANICAL SPECIFICATIONS**
- Single: 11" L x 2.75" H x 1.562" D (279.4 x 69.9 x 39.7 mm)
- Double: 22" L x 2.75" H x 1.562" D (558.8 x 69.9 x 39.7 mm)

**EMLOCK® MODELS**
- 1511 Single EmLock®
- 1512 Double EmLock®
- 1513 Single EmLock®, split armature for pair of doors

**SPECIFY FINISH**
- Anodized Finishes (Architectural Housing: Add 21.00 per foot to base)
  - V 628 Aluminum (standard)
  - Y 335 Black
- Powder Coat Finishes (a coating electrostatically applied to form a hard finish, that is tougher than conventional paint)
  - X Dark Bronze Powder Coat Painted (313/613 Equal)
  - C Brass Powder Coat Painted
- Plated Finishes - Special order, no cancellation, no returns
  - P 625 Bright Chrome
  - Q 626 Dull Chrome

Architectural Housing add $30 per foot to above Single Unit Price.

**1570 Series Grade 1**
1200 lb / 544 Kg Holding Force

**ELECTRICAL SPECIFICATIONS**
- Voltage: 12/24VDC Voltage Sensing Input
  - Single: 125mA @ 24VDC; 250mA @ 12VDC
  - Double: 250mA @ 24VDC; 500mA @ 12VDC

**MECHANICAL SPECIFICATIONS**
- Single: 11" L x 2.75" H x 1.562" D (279.4 x 69.9 x 39.7 mm)
- Double: 22" L x 2.75" H x 1.562" D (558.8 x 69.9 x 39.7 mm)

**EMLOCK® MODELS**
- 1571 Single EmLock®
- 1572 Double EmLock®
- 1573 Single EmLock®, split armature for pair of doors

**SPECIFY FINISH**
- Anodized Finishes (Architectural Housing: Add 21.00 per foot to base)
  - V 628 Aluminum (standard)
  - Y 335 Black
- Powder Coat Finishes (a coating electrostatically applied to form a hard finish, that is tougher than conventional paint)
  - X Dark Bronze Powder Coat Painted (313/613 Equal)
  - C Brass Powder Coat Painted
- Plated Finishes - Special order, no cancellation, no returns
  - P 625 Bright Chrome
  - Q 626 Dull Chrome

Architectural Housing add $30 per foot to above Single Unit Price.

**1580 Series Grade 1**
650 lb / 295 Kg Holding Force

**ELECTRICAL SPECIFICATIONS**
- Voltage: 12/24VDC Voltage Sensing Input
  - Single: 220mA @ 24VDC; 440mA @ 12VDC
  - Double: 440mA @ 24VDC; 880mA @ 12VDC

**MECHANICAL SPECIFICATIONS**
- Single: 8.75" L x 2.125" H x 1.25" D (222.2 x 54 x 31.8 mm)
- Double: 17.5" L x 2.125" H x 1.25" D (444.5 x 54 x 31.8 mm)

**EMLOCK® MODELS**
- 1581 Single EmLock®
- 1582 Double EmLock®

**SPECIFY FINISH**
- Anodized Finishes (Architectural Housing: Add 21.00 per foot to base)
  - V 628 Aluminum (standard)
  - Y 335 Black
- Powder Coat Finishes (a coating electrostatically applied to form a hard finish, that is tougher than conventional paint)
  - X Dark Bronze Powder Coat Painted (313/613 Equal)
  - C Brass Powder Coat Painted
- Plated Finishes - Special order, no cancellation, no returns
  - P 625 Bright Chrome
  - Q 626 Dull Chrome

Architectural Housing add $30 per foot to above Single Unit Price.
EMLock® Magnetic Locks

### SPECIFY OPTIONS

See Modular Program price list when ordering separately for field upgrades. Different part numbers and pricing apply.

- **T** Adjustable timer. Built in field adj. 0-30 sec. relock delay.  
  **Specify one for single or double EmLocks® (not available with 1580 series)**  
  70.00

- **D** Door position sensor. Indicates door open and door closed.  
  **Specify two for double EMLocks® (not available with 1513 and 1573)**  
  SPDT Dry, 250 mA @ 30VDC.  
  44.00

- **B** Magnetic bond sensor. Indicates locked with full holding power and unlocked, low holding power, low voltage, tampering and obstruction between armature and magnetic core.  
  **Specify (2) for double EmLocks® (Not available with 1513 and 1573)**  
  - 1510 & 1570 Series: SPDT Dry, 250 mA @ 30VDC.  
  - 1580 Series: SPST N.O., Dry, 250 mA @ 30VDC.  
  65.00

- **L** Bi-color status LED indicator. Field selectable Red and Green. (Not installed in lock.) Indicates lock energized when wired to lock input. Indicates de-energized/unlocked or “Enter/Go” when wired to built-in TD Module. Indicates energized and de-energized or “Enter/Go” when wired to access control auxiliary output. Indicates door is closed and locked and door is unlocked when wired to Bond Sensor.  
  18.00

- **A** Anti-tamper sensor. Indicates access cover removal. SPDT Dry, 1 Amp @ 30VDC  
  54.00

### SPECIFY TOP JAMB MOUNTING KIT

Kits for 1200lb and 1650 lb Locks  
Kits for 650lb Locks

<table>
<thead>
<tr>
<th></th>
<th>TJ1 Single</th>
<th>TJ81 Single</th>
<th>TJ2 Double</th>
<th>TJ82 Double</th>
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</thead>
<tbody>
<tr>
<td>Add to List</td>
<td></td>
<td></td>
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</tbody>
</table>

### Anodized Finishes

- **V** 628 Aluminum (std)  
  Y Black Anodized  
  86.00 171.00

### Powder Coat Finishes

- **X** Dark Bronze Powder Coat Painted  
  C Brass Powder Coat Painted  
  86.00 171.00

### Plated Finishes - Special order, no cancellation, no returns

- **P** 625 Bright Chrome  
  Q 626 Dull Chrome  
  203.00 235.00

### SPECIFY GLASS DOOR MOUNTING KIT

Kits for 1511, 1571, 1581  
Kits for 1512, 1572, 1582

<table>
<thead>
<tr>
<th></th>
<th>HDB1 Single</th>
<th>HDB2 Double, 2 single kits</th>
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</thead>
<tbody>
<tr>
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<td>193.00</td>
<td>385.00</td>
</tr>
</tbody>
</table>

### Add to List

- **Anodized Finishes**  
  V 628 Aluminum (std)  
  Y Black Anodized  
  86.00 171.00

- **Powder Coat Finishes**  
  X Dark Bronze Powder Coat Painted  
  C Brass Powder Coat Painted  
  86.00 171.00

- **Plated Finishes - Special order, no cancellation, no returns**  
  P 625 Bright Chrome  
  Q 626 Dull Chrome  
  108.00 214.00

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**Field Upgrade without Removing from the Frame**

- **Field Install**  
  - Monitoring outputs  
  - Timers  
  - Top jamb “Z” kit  
  - Glass door kits

**Interlocking Quick Mount Assembly**

- EZ mount interlocking feature  
  - Captive mounting screw  
  - Self-tapping & driftless mounting screws
EMLock® Magnetic Locks

Vertical Housing EMLock

<table>
<thead>
<tr>
<th>Vertical Housing</th>
<th>Distributor Discount Code</th>
<th>GK</th>
<th>LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>1572VV82 Vertical Housing for 1572 EMLock, 82&quot; length, for 84&quot; opening - INCLUDES EMLock</td>
<td>1599.00</td>
<td></td>
<td></td>
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<tr>
<td>1512VV82 Vertical Housing for 1512 EMLock, 82&quot; length, for 84&quot; opening - INCLUDES EMLock</td>
<td>1654.00</td>
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</tbody>
</table>

See page 7 for special finish designation and finish price

Retrofit Kit for Discontinued Locknetics 390+ PLUS

<table>
<thead>
<tr>
<th>Retrofit Kit</th>
<th>Distributor Discount Code</th>
<th>GK</th>
<th>LIST</th>
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</thead>
<tbody>
<tr>
<td>1511-390AMP Retro Kit includes lock mounting plate with self-tapping &amp; drilling screws and Armature assembly, utilizes existing 390+ thru-bolt hole.</td>
<td>54.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Field Installed Modular Upgrade Kits

Ordered separately for field upgrade without removing the lock from the frame

For complete details contact SDC to request the Modular Upgrade Kit datasheet or download from the SDC website: www.sdcssecurity.com All available through shipQuick Inventory

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
<th>Distributor Discount Code</th>
<th>GK</th>
<th>LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZ-T-10 Adjustable Timer Input Module: Specify (1) for single or double EMLocks® (not available with 1580 series)</td>
<td>70.00</td>
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<td></td>
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<tr>
<td>EZ-D-10 1510, 1570 Door Position Sensor Module: Specify (2) for double EMLocks® (not available with 1513 and 1573)</td>
<td>44.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EZ-D-80 1580 Door Position Sensor Module: Specify (2) for double EMLocks®</td>
<td>44.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EZ-B-10 1510, 1570 Magnetic Bond Sensor Module: Specify (2) for double EMLocks® (Not available with 1513,1573)</td>
<td>65.00</td>
<td></td>
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</tr>
<tr>
<td>EZ-A Anti-Tamper Switch Module: Indicates cover plate removal.</td>
<td>54.00</td>
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</tr>
<tr>
<td>EZ-1510W Holding Force Module: Replace a 1200lb wire core (1570 series) with this 1650lb wire core. Specify (2) for double EMLocks®</td>
<td>54.00</td>
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<tr>
<td>EZ-1570W Energy Saver Module: Save on power supply and long term energy costs by replacing 8.4 Watt, 1650lb coil with 3 Watt, 1200lb holding force coil. Specify (2) for double EMLocks®</td>
<td>54.00</td>
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<tr>
<td>EZ-8-80 1580 Magnetic Bond Sensor Module (SPST): Specify (2) for double EMLocks®</td>
<td>65.00</td>
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</tbody>
</table>

Reusable Heavy Duty Drill Fixture

<table>
<thead>
<tr>
<th>Drill Fixture</th>
<th>Distributor Discount Code</th>
<th>GK</th>
<th>LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>1511-DF Heavy duty drill fixture for 1571 and 1511</td>
<td>161.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1581-DF Heavy duty drill fixture for 1580</td>
<td>161.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BN-PT Blind Nut Placement Tool</td>
<td>129.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BN-50 Blind Nuts, 10/32, 50 Pack</td>
<td>54.00</td>
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</tbody>
</table>
Magnetic Locks

Universal Header Bracket

Used in lieu of angle brackets, the Universal Header Bracket provides a faster mounting solution, saving time and labor costs for several EmLock® models. Reduce potential for mis-sized and misaligned mounting holes, broken taps, removal of broken taps. Combined with interlocking E-Z mount assembly, save up to a half day's labor with the installation of 12 locks.

**FEATURES**
- Solid 1" bar provides higher security and superior aesthetics.
- Machined wire chase provides concealed and secure wiring
- Multiple pre-drilled and tapped mounting holes to accommodate the use of several different locks on either 4" or 4.5" aluminum frames

**UB11V** Bracket for 1511, 1513, 1571. 1" x 1" x 11"  
70.00

**UB12V** Bracket for 1512, 1572. 1" x 1" x 22"  
137.00

See special finishes page 11

Aluminum Spacer Bracket & Concrete Filled Frame Plate - Pre-Drilled & Tapped

**APPLICATION**
- Aluminum frames with blade stop - lowers EmLock® below blade stop
- Concrete filled hollow metal frames - provides multiple points for concealed wire entry

**FEATURES**
- Pre-drilled and tapped specifically for 1510, 1570, 1580 EmLock
- Machined wire chase provides multiple points for concealed wire entry from concrete filled frames.

**UF11V** Bracket for 1511, 1513, 1571, 1573. 1/2" x 1-1/2" x 11"  
97.00

**UF12V** Bracket for 1512 and 1572. 1/2" x 1-1/2" x 22"  
120.00

**UF81V** Bracket for 1581. 1/2" x 1-1/4" x 8-3/4"  
78.00

**UF82V** Bracket for 1582. 1/2" x 1-1/4" x 17-1/2"  
108.00

Armature Mounting Plate

The AR Mounting plate provides a solution for mounting the EmLock® armature to the top rail of aluminum, glass, wood and hollow metal doors that do not permit the use of thru bolts. **Dimension: 8 1/2" x 3"**

**MODEL**

**AR11Y** Armature mounting plate (Black)  
Specify one for models 1511, 1571, two for models 1512, 1572  
65.00

**AR11YD** Armature mounting plate (black) with door sensor  
Specify one for models 1511, 1571, two for models 1512, 1572  
108.00

Door Coordinator Lock Mounting Kit

**DC-1** Door coordinator mounting bracket for single models 1511 and 1571.  
129.00

**DC-2** Door coordinator mounting bracket for double models 1512 and 1572.  
235.00
## Filler Plates

**FILLER PLATES:** For extension of the stop to provide a proper mounting surface on the underside of the header. See Figure 1B.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>List</th>
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<tbody>
<tr>
<td>FP01</td>
<td>1/8&quot; x 1-1/4&quot; (3 x 32mm)</td>
<td>33.00</td>
</tr>
<tr>
<td>FP02</td>
<td>3/8&quot; x 1-1/4&quot; (10 x 32mm)</td>
<td>38.00</td>
</tr>
<tr>
<td>FP03</td>
<td>1/2&quot; x 1-1/4&quot; (13 x 32mm)</td>
<td>40.00</td>
</tr>
<tr>
<td>FP04</td>
<td>5/8&quot; x 1-1/4&quot; (16 x 32mm)</td>
<td>40.00</td>
</tr>
<tr>
<td>FP05</td>
<td>1/8&quot; x 1-1/4&quot; (3 x 32mm)</td>
<td>37.00</td>
</tr>
<tr>
<td>FP11</td>
<td>1/4&quot; x 1-1/4&quot; (6 x 32mm)</td>
<td>38.00</td>
</tr>
<tr>
<td>FP12</td>
<td>3/8&quot; x 1-1/4&quot; (10 x 32mm)</td>
<td>38.00</td>
</tr>
<tr>
<td>FP13</td>
<td>1/2&quot; x 1-1/4&quot; (13 x 32mm)</td>
<td>42.00</td>
</tr>
<tr>
<td>FP14</td>
<td>5/8&quot; x 1-1/4&quot; (16 x 32mm)</td>
<td>44.00</td>
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## Angle Brackets

**ANGLE BRACKETS:** Used as extension on shallow door frames to provide adequate mounting surface. See Figure 1C.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>AB01</td>
<td>1&quot; x 1&quot; (25 x 25mm)</td>
<td>42.00</td>
</tr>
<tr>
<td>AB02</td>
<td>1&quot; x 1-1/2&quot; (25 x 38mm)</td>
<td>44.00</td>
</tr>
<tr>
<td>AB03</td>
<td>1-1/2&quot; x 1-1/2&quot; (38 x 38mm)</td>
<td>46.00</td>
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<tr>
<td>AB04</td>
<td>2&quot; x 1-1/2&quot; (51 x 38mm)</td>
<td>48.00</td>
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### SPECIFY FINISH

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<thead>
<tr>
<th></th>
<th>Single EmLock</th>
<th>Double EmLock</th>
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<tbody>
<tr>
<td>V</td>
<td>626 Aluminum (standard)</td>
<td>N/C</td>
</tr>
<tr>
<td>Y</td>
<td>335 Black Anodized</td>
<td>N/C</td>
</tr>
<tr>
<td>X</td>
<td>Powder Coat Finishes (a coating electrostatically applied to form a hard finish, that is tougher than conventional paint)</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Brass Powder Coat Painted</td>
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</tr>
<tr>
<td>P</td>
<td>Plated Finishes - Special order, no cancellation, no returns</td>
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<table>
<thead>
<tr>
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