SDC’s Gate EMLock® provides 1200lbs of holding force and enables the access and egress control of pedestrian and vehicle gates. Access controls such as card readers, digital keypads and remote control stations provide gate and lock control.

Gate EMLocks® are compatible with manual and automatic, swinging and sliding, tubular and iron gates. The floating armature design compensates for gate misalignment with the electromagnet.

**WEATHERIZED**
SDC Gate EMLocks® are totally sealed in an epoxy filled stainless steel case. A threaded conduit fitting ensures weather resistant protection of the wiring.

**FEATURES**
- Stainless Steel Case
- Epoxy filled for weather resistance
- Threaded conduit fitting
- Built-in voltage kickback protection
- Low power consumption
- Built-in bond sensor (BAS)
- Built-in door position sensor (DPS)

**MODELS**
- **1575U** Standard mounting with magnetic bond sensor & DPS
- **1576U** Face drilled with magnetic bond sensor & DPS

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Holding Force</strong></td>
<td>1200lbs</td>
</tr>
<tr>
<td><strong>Voltage Input</strong></td>
<td>450mA @ 12VDC; 225mA @ 24VDC</td>
</tr>
<tr>
<td><strong>DPS and BAS sensors</strong></td>
<td>SPDT, 250mA @ 30VDC</td>
</tr>
<tr>
<td><strong>Wire Leads</strong></td>
<td>24 AWG, 3ft. long</td>
</tr>
<tr>
<td><strong>Conduit Fitting</strong></td>
<td>1/2” Length, 3/4” outside thread, 1/2” inside thread</td>
</tr>
<tr>
<td><strong>Mechanical Specifications</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Lock</strong></td>
<td>8-11/16”L x 2-1/2”H x 1-5/8”D</td>
</tr>
<tr>
<td><strong>Armature</strong></td>
<td>7-3/4”L x 2-13/32”H x 5/8”D</td>
</tr>
<tr>
<td><strong>Case</strong></td>
<td>Stainless steel</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1575 11 lbs</td>
</tr>
<tr>
<td></td>
<td>1576 10 lbs</td>
</tr>
</tbody>
</table>
With no moving parts to bind or wear, the Gate EMLock® is inherently failsafe and will unlock automatically during a power outage. For security applications, the SDC 600 series power supplies with battery backup capability, can provide continuous operation during a power outage.

**APPLICATION**

**CONDUIT FITTING DOOR APPLICATION**

For top jamb door application

- **1576-MP** Lock Mounting Plate for 1576
- **1576-ZB** Lock Mounting Z Bracket for 1576 (Includes 1576-MP)

**CONDUIT FITTING GATE APPLICATIONS**

For swinging gate applications

- **1576-ZB** Lock Mounting Bracket for 1576
- **1576-AB** Armature Mounting Bracket for 1576

For swinging gate applications

- **1576-ZB** Lock Mounting Bracket for 1576 (Includes 1576-MP)
- **1575-BK** Lock Mounting Bracket for 1575

For sliding gate applications

- **1575-BK** Mounting Bracket for 1575
APPLICATION Gate Solution

1575 Gate EMLock® Solutions

Outside

3

Inside

1

1576 Gate EMLock® Solutions

Outside

1

3

Inside

2

GATE EMLOCK® SOLUTIONS / ACCESSORIES

1 GATE MAGNETIC LOCK

1575U Gate Magnetic Lock
1576U Gate Magnetic Lock with face drilled mounting

2 GATE MOUNT BRACKETS

1575BK / 1576-ZBV / Application Specific Brackets
1576-AB / 1576-BK

3 OUTDOOR ACCESS CONTROL

923 Narrow Stand Alone Digital Keypad

4 Request-To-Exit

48201U ADA approved Narrow Mullion Push Plate Switch
MSB550W Outdoor Weather Resistance Mechanical Switch Bar
APPLICATION Public Park Safety
After-Hour Restroom Security Solution

- Deter Homeless Occupancy
- Eliminate Daily Staff Unlock/Lock
- Weather Resistant Hardware
- Reduce Vandalism & Graffiti
- Discourage Drug Use Activity
- Prevent Abduction & Sexual Crimes

1a 1575U Electromagnetic Gate Lock
1b 1576 Electromagnetic Gate Lock
1c E6200 Magnetic Lock
2 MSB550-2WV Mechanical Switch Bar
3 802ALN Single Gang Key Switches
4 631RFXUR-1 1.5 Amp Power Supply
5 14-2 Timer Module