1570 Series
Gate EMLock®

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)

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>1575</th>
<th>1576</th>
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<tbody>
<tr>
<td>Holding Force</td>
<td>1200lbs</td>
<td></td>
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<tr>
<td>Voltage Input</td>
<td>450mA @ 12VDC; 225mA @ 24VDC</td>
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<tr>
<td>DPS and BAS sensors</td>
<td>SPDT, 250mA @ 30VDC</td>
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<tr>
<td>Wire Leads</td>
<td>24 AWG, 3ft. long</td>
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<tr>
<td>Conduit Fitting</td>
<td>1/2” Length, 3/4” outside thread, 1/2” inside thread</td>
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Mechanical Specifications
- Lock 8-11/16”L x 2-1/2”H x 1-5/8”D
- Armature 7-3/4”L x 2-13/32”H x 5/8”D
- Case Stainless steel
- Weight 1575 11 lbs
- 1576 10 lbs

MODELS
- 1575U Standard mounting with magnetic bond sensor & DPS
- 1576U Face drilled with magnetic bond sensor & DPS
With no moving parts to bind or wear, the Gate EMLock\textsuperscript{®} 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**

For swinging gate applications

**ACCESSORIES**

- **1575U for OUTSWING Doors**
  - 1576-AB Armature Mounting Bracket for 1576
  - 1576-BK Gate Post

- **1576U Top Jamb Mount for Inswing Doors**
  - 1576-MP Lock Mounting Plate for 1576
  - 1576-ZB Lock Mounting Z Bracket for 1576

- **1575-BK Lock Mounting Bracket for 1575**

For sliding gate applications

- **1575U FOR SWINGING GATES**
  - 1576-AB Armature Mounting Bracket for 1576
  - 1576-BK Gate Post

- **1576U FOR SLIDING GATES**
  - 1576-BK Gate Post

- **1576U FOR SWINGING GATES**
  - 1576-MP Lock Mounting Plate for 1576
  - 1576-ZB Lock Mounting Z Bracket for 1576

- **1575U FOR SWINGING GATES**
  - 1576-BK Gate Post
  - 1576-ZB Lock Mounting Z Bracket for 1576
**APPLICATION**

**Gate Solution**

**Outside**

1575 Gate EMLock® Solutions

**Inside**

1

2

3

4

**Outside**

1576 Gate EMLock® Solutions

**Inside**

1

2

3

4

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**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 / 1576-AB / 1576-BK: Application Specific Brackets

3. **OUTDOOR ACCESS CONTROL**
   - 923: Narrow Stand Alone Digital Keypad
   - Request-To-Exit

4. **OUTDOOR ACCESS CONTROL**
   - 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

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1. **1575U Electromagnetic Gate 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**

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[LIT-1570 SERIES 01/17]