### 2268 Series Electromagnetic Lock

#### Mounting

![Diagram of 2268 Series Electromagnetic Lock](image)

#### Specifications

<table>
<thead>
<tr>
<th>MECHANICAL</th>
<th></th>
<th></th>
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<tbody>
<tr>
<td><strong>Holding Force:</strong></td>
<td>1200 Lbs. Each Coil</td>
<td></td>
</tr>
<tr>
<td><strong>Lock Size:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2268-10, 2268-15</td>
<td>2(\frac{3}{16})&quot;D x 2(\frac{1}{2})H x 14&quot;L</td>
<td></td>
</tr>
<tr>
<td>2268TJ-10</td>
<td>1(\frac{3}{8})&quot;D x 2(\frac{1}{2})H x 14&quot;L</td>
<td></td>
</tr>
<tr>
<td>2268-20</td>
<td>2(\frac{1}{8})&quot;D x 2(\frac{1}{2})H x 25&quot;L</td>
<td></td>
</tr>
<tr>
<td>2268TJ-20</td>
<td>1(\frac{3}{8})&quot;D x 2(\frac{1}{2})H x 25&quot;L</td>
<td></td>
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<tr>
<td><strong>Armature Size:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2268-10, 2268TJ-10</td>
<td>1(\frac{3}{16})&quot;D x 1(\frac{1}{4})&quot;H x 8(\frac{1}{8})&quot;L</td>
<td></td>
</tr>
<tr>
<td>2268-15</td>
<td>1(\frac{3}{8})&quot;D x 1(\frac{1}{4})&quot;H x 4&quot;L</td>
<td></td>
</tr>
<tr>
<td>2268-20, 2268TJ-20</td>
<td>1(\frac{3}{8})&quot;D x 1(\frac{1}{4})&quot;H x 8(\frac{1}{8})&quot;L</td>
<td></td>
</tr>
<tr>
<td><strong>Lock Weight:</strong></td>
<td>2268-10 7.5Lbs. / 2268-20 15Lbs.</td>
<td></td>
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<tr>
<td>2268TJ-10 9.5Lbs.</td>
<td></td>
<td></td>
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<tr>
<td>2268TJ-20 20Lbs.</td>
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<td></td>
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<tr>
<td><strong>Finish:</strong></td>
<td>US28 Satin Aluminum with clear anodize</td>
<td></td>
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<tr>
<td>Other Finishes Available</td>
<td></td>
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<table>
<thead>
<tr>
<th>ELECTRICAL</th>
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<tbody>
<tr>
<td><strong>Input Voltage:</strong></td>
<td>12 or 24 VDC (Field Selectable)</td>
<td></td>
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<tr>
<td>12 or 24 VAC with RC option</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Current Draw:</strong></td>
<td>0.68A @ 12V Single</td>
<td></td>
</tr>
<tr>
<td>0.35A @ 24V Single</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Contact Ratings:</strong></td>
<td>DSM - 0.5A @ 24VAC/DC</td>
<td></td>
</tr>
<tr>
<td>DYN - 0.25A @ 24VAC/DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATS - 0.5A @ 24VAC/DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coil Resistance:</strong></td>
<td>34.1 Ohms (+/- 10%) Red/Blue, Blk/Wht</td>
<td></td>
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</tbody>
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#### Description

The 2268 Series is a full size 1200 lb. holding force electromagnetic lock. It is designed for life safety and high security on rated or nonrated doors and frames. With a low 2" profile, the 2268 is perfect for opening heights of 7’ or less to facilitate code compliance on designated egress doors.

The 2268 is field selectable for 12VDC or 24VDC. Specify the RC option for AC voltage operation. Surge suppression is built-in and 12" long color coded wire leads are provided for easy installation. Optional integrated door and lock status sensors allow remote monitoring without the need to install separate “door contacts”.

The 2268 is offered in single, double, and split armature models for both outswinging and inswinging doors. The coil and housing assembly mounts rigidly to the door frame while the armature mounts to the door in a manner that allows it to pivot slightly to compensate for door irregularities. When the door is closed and the lock is energized the armature is magnetically bonded to the lock face, thus securing the door without utilizing any moving parts.

#### Standard Features

- **Non-Handed** - includes a convenient area for wiring connections on each end of the lock.
- **Adjustable mounting base** reduces installation time and insures proper alignment.
- **Low power consumption** conserves energy, reduces operation cost, and extends battery backup time.
- **A totally plated coil** and armature provides protection against corrosion.
- **No residual magnetism** - the lock releases without delay when de-energized.
- **Multiple monitoring options** increases the flexibility, security and compatibility of system equipment.
- **Low profile** provides maximum clearance for under-height door openings. The lowest profile of ANY full size electromagnetic lock.
- **Built-in spike suppression** protects other solid state components within the system from damage when the lock is de-energized.

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**LIFE SAFETY PRODUCTS**
FULLY INTEGRATED SECURITY SYSTEMS
Electromagnetic Locks | Controls | Power Supplies

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2268 Series Electromagnetic Lock

2268-10 Single Outswinging Door

2268-15 Double Outswinging Door
Single coil with double (split) armature. Mounts to the underside of the frame header. Recommended for traffic control only. 600 Lbs. holding force per leaf.

2268-20 Double Outswinging Door
Double coil. Mounts to the underside of the frame header. 1200 Lbs. holding force per leaf.

2268TJ-10 Single Inswinging Door
Single coil. Mounts to the face of the frame header. 1200 Lbs. holding force.

2268TJ-20 Double Inswinging Door
Double coil. Mounts to the face of the frame header. 1200 Lbs. holding force per leaf.

Options
ATS  ANTI-TAMPER SWITCH - Signals removal of the housing cover. SPDT contacts.
DSM  DOOR STATUS SWITCH - Signals door closed or ajar. SPDT contacts.
DSM2 DOOR STATUS SWITCH - For the 2268-20 models.
DYN  DYNASTAT FORCE SENSOR - Indicates efficient magnetic bond. SPDT contacts.
DYN2 DYNASTAT FORCE SENSOR - For the 2268-20 models.
LED  BI-COLOR LED - For local signaling of lock status. (Requires DYN option)
LED2 BI-COLOR LEDS(2) - For the 2268-20 models. (Requires DYN2 option)
RC  RECTIFIER FOR AC OPERATION - Allows 12/24 VAC voltage input.
RC2 RECTIFIER FOR AC OPERATION - For the 2268-20 models.
SF  SPECIAL FINISH - Standard finish is US28 Satin Aluminum. Special anodized finishes, see price book.
TD  TIME DELAY - 1 to 60 seconds adjustable relock delay.
TD2 TIME DELAY - For the 2268-20 models.

Note: DSM, DYN and LED options not available on 2268-15 split armature models.

Basic System Wiring
The figure shown is an example of a simple circuit including a single door locked continuously. DynaLock offers keypad control, exit bars, timers, and much more to suit your needs.

Accessories
- 4000 Series Installation Accessories
  Filler Plates: Extend the door stop
  Angle Brackets: Extend the header
- 5000 Series Power Supplies
  Solid state power supplies provide proper voltage, time delay and battery backup if required.
- 6000 Series Exit Controls
  Push buttons in a variety of switching configurations and exit sensor bars.
- 7000 Series Keyswitches and Keypads
  Keyswitches accept most mortise cylinders for controlled access.
  Rugged digital entry keypads.
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Single coil. Mounts to the face of the frame header. 1200 Lbs. holding force.

2268TJ-20 Double Inswinging Door
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- **7000 Series** Keyswitches and Keypads
  - Keyswitches accept most mortise cylinders for controlled access.
  - Rugged digital entry keypads.
- **8000 Series** Consoles
  - Desk top, slope front and rack mount fabricated to customer specifications.
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