DynaLock 1600 Series Electric Strikes are universally adaptable to suit all door and frame types and accommodate most locking devices with up to a 3/4" latch projection. To simplify ordering and speed installation all 1600 Series models feature 12/24V AC/DC field-selectable operation, dial-selectable fail-safe or fail-secure operating mode, 1/4" horizontal adjustment and modular, plug-in wire connections.

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Typical applications include non-fire rated doors in most commercial, industrial and institutional centers, retail outlets and health care facilities.

### Features
- Field Selectable Lock Mode
- Field Selectable Voltage
- Horizontal Adjustability
- Low Profile Version
- Plug-in Wire Connections
- UL Listed 1034 Burglary Resistant
- Tested To 70 ft. lbs. Dynamic Force
- Tested To Over 1,000,000 Cycles
- 3 Year Limited Warranty

### Options
- LMS: Lock Monitor Switches. Latch/Keeper status monitor switches (see page 3 for details).

### Description

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### Profile Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D-S</th>
<th>D-L</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fractional Inches</td>
<td>1-1/4</td>
<td>4-7/8</td>
<td>3-11/32</td>
<td>1-5/32</td>
<td>1-1/16</td>
<td>3/8</td>
<td>1/8</td>
<td>1-1/2</td>
<td>47/64</td>
</tr>
<tr>
<td>Decimal Inches</td>
<td>1.250</td>
<td>4.875</td>
<td>3.344</td>
<td>1.156</td>
<td>1.063</td>
<td>0.75</td>
<td>0.375</td>
<td>0.125</td>
<td>1.500</td>
</tr>
<tr>
<td>Metric Millimeters</td>
<td>31.75</td>
<td>123.83</td>
<td>84.99</td>
<td>29.00</td>
<td>27.00</td>
<td>9.53</td>
<td>3.18</td>
<td>38.10</td>
<td>18.59</td>
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</table>

<table>
<thead>
<tr>
<th>Dimension</th>
<th>J</th>
<th>K</th>
<th>L-S</th>
<th>L-L</th>
<th>M</th>
<th>N</th>
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<th>R</th>
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<tr>
<td>Fractional Inches</td>
<td>4-1/8</td>
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<td>5/8</td>
<td>37/64</td>
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<td>49/64</td>
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<td>4.125</td>
<td>1.844</td>
<td>1.203</td>
<td>1.063</td>
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<td>15.88</td>
<td>15.88</td>
<td>14.63</td>
<td>14.63</td>
<td>19.45</td>
</tr>
</tbody>
</table>

Note: Dimensions shown above are with 04 faceplate.

### Dimensions

<table>
<thead>
<tr>
<th>T Dimension</th>
<th>Default</th>
<th>Min</th>
<th>Max</th>
</tr>
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<tr>
<td>Fractional Inches</td>
<td>21/32</td>
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<tr>
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<td>0.656</td>
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<td>0.766</td>
</tr>
<tr>
<td>Metric Millimeters</td>
<td>16.51</td>
<td>12.40</td>
<td>19.51</td>
</tr>
</tbody>
</table>

Note: T and U dimensions are relative to horizontal adjustability.
1600 Series Electric Strike Selection

Part Number Configuration

16 - 05 - S - LMS - US10B

1600 Series Strike
Field Selectable Voltage
(Shipped w/12V & 24V Wiring Harnesses)

Field Selectable Operation:
Fail-Safe (Fail Unlocked - FUL)
Fail-Secure (Fail Locked - FL)

Strike Profile
The type of lock used will determine which Strike Profile to select. This is dictated by the projection of the lock latchbolt into the strike cavity.

"L" PROFILE
CYLINDRICAL LOCKS
(FOR 3-3/4" LATCH PROJECTION)

"S" PROFILE
MORTISE LOCKS

"L" PROFILE
MORTISE EXIT DEVICES

"S" PROFILE
NARROWLINE ALUMINUM LOCKS

Faceplate Selection
Selection of the Strike Faceplate is based on the frame jamb material.

04  1-1/4" x 4-7/8" ANSI ROUND CORNER (ALUMINUM OR WOOD FRAMES)
14  1-1/4" x 4-7/8" ANSI SQUARE CORNER (HOLLOW METAL OR WOOD FRAMES)
05  1-1/8" x 5-7/8" ROUND CORNER (ALUMINUM OR WOOD FRAMES)
07  1-1/4" x 6-7/8" ROUND CORNER (ALUMINUM OR WOOD FRAMES)
08  1-7/16" x 7-13/16" ROUND CORNER (ALUMINUM OR WOOD FRAMES)

Finishes
US32D  BRUSHED STAINLESS STEEL (STANDARD)
US3   POLISHED BRASS
US4   BRUSHED BRASS
US10  BRUSHED LIGHT BRONZE
US10B BRUSHED DARK BRONZE
US12  BRIGHT STAINLESS STEEL

LMS Lock Monitor Switches (Optional)
Two SPDT switches monitor latchbolt projection and locked/unlocked condition of strike keeper.

Latch Monitor Wires
Black = Common (C)
Blue = Normally Closed (NC)
Orange = Normally Open (NO)

Keeper Monitor Wires
Black = Common (C)
Yellow = Normally Closed (NC)
Green = Normally Open (NO)

Note: Contacts are indicated with the keeper in a closed and locked position, with no latch present.

LATCH MONITOR WIRING TERMINALS
Red
Black

GENERAL ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>DUTY</th>
<th>SOUND</th>
<th>AMPS*</th>
<th>OHMS**</th>
</tr>
</thead>
<tbody>
<tr>
<td>12VDC</td>
<td>Continuous</td>
<td>Silent</td>
<td>0.375</td>
<td>37</td>
</tr>
<tr>
<td>24VDC</td>
<td>Continuous</td>
<td>Silent</td>
<td>0.190</td>
<td>148</td>
</tr>
<tr>
<td>12 to 24VAC</td>
<td>Intermittent</td>
<td>Buzz</td>
<td>0.565/0.280</td>
<td>148</td>
</tr>
</tbody>
</table>

* Ratings are based on max. current draw @ +10°C and include initial inrush.
** Nominal resistance at +25°C ± 7%.

Note:

- Latch Monitor Wires:
  - Black = Common (C)
  - Blue = Normally Closed (NC)
  - Orange = Normally Open (NO)

- Keeper Monitor Wires:
  - Black = Common (C)
  - Yellow = Normally Closed (NC)
  - Green = Normally Open (NO)

- Contacts are indicated with the keeper in a closed and locked position, with no latch present.
1600 Series Electric Strikes

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<tr>
<td>DECIMAL INCHES</td>
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<td>20.80</td>
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