Overview

The Von Duprin 5100 Series electric door strike has been designed to offer flexibility and convenience for locksmiths and security professionals alike. This easy-to-install electric strike was created for medium-duty applications, specifically to control traffic flow through interior and exterior openings in retail and commercial environments.

The 5100 electric strike is compatible with a wide range of cylindrical devices and is extremely versatile for field conversions. The combination of three faceplate options plus field selectable voltage and power fail modes allows it to be changed on the job site to create as many as 12 different configurations. An adjustable keeper also improves fit for applications with weather stripping or tight door preps. In short, the 5100 provides added convenience by ensuring the right parts are in the box to get the job done.

Like other Von Duprin strikes, the 5100 was developed to meet high standards and engineered for reliability and quality. Its durable construction and tamper-resistant design stands up to abuse and is tested to over one million cycles.

Features and benefits

- Designed for cylindrical applications
- Capable of 12 in-field configurations
- Three faceplates standard in every box
- Field selectable 12/24 voltage
- Non-handed, internal solenoid design
- Field selectable power failure mode (fail-safe/ fail-secure)
- Adjustable keeper improves fit on tight door preps
- Options include 12 and 24 VAC to VDC rectifier kits
- Available in three finishes to suite with existing hardware
- Suitable for interior and exterior doors
- UL 1034 listed for burglary-resistant electric door strikes
5100 Series power requirements

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Current</th>
<th>Duty</th>
<th>Amps</th>
<th>Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>5100</td>
<td>12V</td>
<td>DC</td>
<td>Continuous</td>
<td>0.38</td>
<td>32</td>
</tr>
<tr>
<td>5100</td>
<td>24V</td>
<td>DC</td>
<td>Continuous</td>
<td>0.19</td>
<td>128</td>
</tr>
</tbody>
</table>

Continuous duty = Energized 1 minute or more

Model specifications

Model number 5100
Retrofits model HES 5000C, 5200C, RCI 7 Series
Latchbolt throw \( \frac{1}{2}'' \) to \( \frac{5}{8}'' \) (\( \frac{1}{2}'' \) keeper depth)
Face plate length \( 4 \frac{7}{8}'' \) or \( 7 \frac{7}{8}'' \)
Backbox depth \( 1 \frac{5}{8}'' \)
Lockset Cylindrical and deadlatch
Number of doors Single
Frame type Hollow metal, aluminum and wood
Listings UL 1034 burglar listing
Application notes Versatile electric strike for aftermarket, covering multiple applications in one SKU.

Lockset compatibility: Keeper depth of \( \frac{1}{2}'' \) is sufficient to accommodate all cylindrical locks up to \( \frac{5}{8}'' \) throw and most aluminum narrow stile deadlatches.

5100 Series power requirements

Model specifications

Model number 5100
Retrofits model HES 5000C, 5200C, RCI 7 Series
Latchbolt throw \( \frac{1}{2}'' \) to \( \frac{5}{8}'' \) (\( \frac{1}{2}'' \) keeper depth)
Face plate length \( 4 \frac{7}{8}'' \) or \( 7 \frac{7}{8}'' \)
Backbox depth \( 1 \frac{5}{8}'' \)
Lockset Cylindrical and deadlatch
Number of doors Single
Frame type Hollow metal, aluminum and wood
Listings UL 1034 burglar listing
Application notes Versatile electric strike for aftermarket, covering multiple applications in one SKU.

Lockset compatibility: Keeper depth of \( \frac{1}{2}'' \) is sufficient to accommodate all cylindrical locks up to \( \frac{5}{8}'' \) throw and most aluminum narrow stile deadlatches.

Solenoid power requirements: 12VDC, 0.38 A, 24 VDC, 0.19 A
For DC operation, Von Duprin PS902 series power supply is recommended. For AC operation, Von Duprin SO24 kit is recommended.

Ordering information

5100-US19-S024

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
<th>Rectifier kit (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5100</td>
<td>US19</td>
<td>S012, S024</td>
</tr>
</tbody>
</table>

Selections correspond with the numbers above

1. Model
   Electric strike for cylindrical locksets
2. Finish
   - US SP28/BHMA 689 Aluminum
   - US 19/BHMA 622 Flat Black
   - US SP313/BHMA 695 Dark brown
3. Rectifier kit (optional)
   - S012 Converts 12 VAC voltage to 12 VDC to operate the solenoid
   - S024 Converts 24 VAC voltage to 24 VDC to operate the solenoid

Standard features
- Power failure mode: Field configurable fail-secure/fail-safe
- Voltage: Field configurable 12VDC/24 VDC dual voltage solenoid
- Mounting tabs and shims
- Self-adhesive neoprene filler for retrofits

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a $2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.