Overview

4200 Series is designed to offer versatility in two commercial-duty electric door strike models. They are a great choice for applications where interior traffic control is the primary function. And with their solid construction and heavy-duty stainless steel faceplate, they meet ANSI/BHMA Grade 1 for endurance and dynamic strength.

Designed for compatibility with a wide range of cylindrical devices, they are able to address a broad range of needs. You’ll find 4200 Series strikes work with all Schlage and Falcon cylindrical locks as well as those of many other manufacturers.

These reliable strikes are easy to order, configure and install. Field selectable options include changing fail safe and fail secure modes without disassembly. They also feature a 12/24 dual-voltage solenoid for field wiring of either input voltage. Factory orderable options include an entry buzzer and rectifier kits to provide even greater flexibility and available parts include square or round cornered ANSI faceplates.

Features and benefits

- Designed for cylindrical applications
- Capable of four in-field configurations
- Shallow 1-3/8” backbox depth
- Field selectable 12/24 VDC voltage
- Non-handed, internal solenoid design
- Low current draw for PoE installations
- Field selectable power failure mode (fail-safe/fail-secure) without disassembly
- Heavy-duty stainless steel faceplate
- Latchbolt monitoring available (4212 model)
- Options include entry buzzer and rectifier kits
- Suitable for interior and exterior doors
- Meets ANSI/BHMA A156.31, Grade 1 for endurance and dynamic strength
- Meets ANSI/BHMA A156.31, Grade 2, 1000 lbs static strength
- Dynamic strength 70 ft-lbs
- Endurance 500,000 cycles
Lockset compatibility

The 4200 series is compatible with all Schlage and Falcon cylindrical locks as well as cylindrical and deadlatch locks of many other manufacturers.

- The 4211 is compatible with locksets with $\frac{5}{8}''$ (15 mm) throw latchbolts, or up to $\frac{3}{4}''$ (19 mm) throw latchbolts with a $\frac{1}{8}''$ door gap.
- The 4212 is compatible with locksets with $\frac{1}{2}''$ (12.7 mm) throw latchbolts, or up to $\frac{5}{8}''$ (15 mm) throw latchbolts with a $\frac{1}{8}''$ door gap.

4200 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>4211 or 4212</td>
<td>12V</td>
<td>DC</td>
<td>Continuous</td>
<td>0.20</td>
<td></td>
</tr>
<tr>
<td>4211 or 4212</td>
<td>24V</td>
<td>DC</td>
<td>Continuous</td>
<td>0.10</td>
<td></td>
</tr>
</tbody>
</table>

4212 Latchbolt monitor switch rating: 30VDC at 0.20 A

The 4200 series requires a DC regulated power supply, and the Schlage PS900 series power supplies are recommended. Continuous duty = Energized 1 minute or more

Model specifications

<table>
<thead>
<tr>
<th>Model number</th>
<th>4211</th>
<th>4212</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retrofits model</td>
<td>HES 5200, RCI 6 Series</td>
<td>HES 5000, RCI 6 Series</td>
</tr>
<tr>
<td>Latchbolt throw</td>
<td>$\frac{3}{4}''$</td>
<td>$\frac{5}{8}''$</td>
</tr>
<tr>
<td>Latchbolt monitor switch</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Face plate length</td>
<td>4 $\frac{7}{8}''$</td>
<td>4 $\frac{7}{8}''$</td>
</tr>
<tr>
<td>Backbox depth</td>
<td>1 $\frac{1}{4}''$</td>
<td>1 $\frac{1}{4}''$</td>
</tr>
<tr>
<td>Finish (faceplate)</td>
<td>BHMA 630/US32D</td>
<td></td>
</tr>
</tbody>
</table>
**Dimensions**

- 1-3/8" (34.9 mm)
- 3-3/8" (85.7 mm)
- 1-3/4" (44.5 mm)
- 3/4" (19 mm)
- 1-1/4" (31.8 mm)

**Wiring**

**12 VDC strike wiring**
- 12 VDC input nonpolarized
- Orange
- Orange-White
- Brown
- Brown-White

**24 VDC strike wiring**
- 24 VDC input nonpolarized
- Orange
- Orange-White
- Brown
- Brown-White

**Latchbolt monitoring switch (4212 only)**

Switch shown with latch status tripper depressed
## Ordering information

### 4200-S024-EB

<table>
<thead>
<tr>
<th>Model</th>
<th>Rectifier kit</th>
<th>Buzzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>4211</td>
<td>See model specification chart to make the proper selection</td>
<td></td>
</tr>
<tr>
<td>4212</td>
<td>See model specification chart to make the proper selection</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Rectifier kit (optional)</td>
<td></td>
</tr>
<tr>
<td>S012</td>
<td>Converts 12 VAC voltage to 12 VDC to operate the solenoid</td>
<td></td>
</tr>
<tr>
<td>S024</td>
<td>Converts 24 VAC voltage to 24 VDC to operate the solenoid</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Buzzer (optional)</td>
<td></td>
</tr>
<tr>
<td>EB</td>
<td>Entry Buzzer, with fail-secure (FSE) configured</td>
<td></td>
</tr>
</tbody>
</table>

*Optional

### Selections correspond with the numbers above

- **Model**
  - 4211: See model specification chart to make the proper selection
  - 4212: See model specification chart to make the proper selection

- **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

- **Buzzer (optional)**
  - EB: Entry Buzzer, with fail-secure (FSE) configured

### Standard features

- Power failure mode: Field configurable fail-secure/fail-safe
- Voltage: Field configurable 12 VDC/24 VDC dual voltage solenoid
- Finish: BHMA 630/US32D satin stainless steel
- Includes mounting tabs, fail secure conversion hex key, wood and machine screws, plus a suppressing diode.

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### 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](http://www.allegion.com).