Applications

This door control with integral smoke detector unit combines the strength of a heavy duty surface closer with a code compliant smoke detector and electro-mechanical holder. Master unit includes holder, detector and closer; companion unit includes holder and closer for paired or additional doors. Ideal for single or double door applications, either used independently or linked to a smoke, fire, heat or security system. Best for new construction or renovation on:
• Corridor doors
• Stair tower doors
• Office doors
• Fire doors
• Exit doors

Advantages
• Master and companion units available for multiple doors
• Regular and parallel arm mountings
• Low voltage AC or DC systems available
• Adjustable degree of hold-open from 85° to 180°
• Concealed on/off switch for hold-open
• Eliminates need for separate electro-magnetic holder
• Indicator lights – green pilot, red alarm

Safegard™ Door Closers
DC469000 Series

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Safegard™ Door Closers
DC469000 Series

Features

Spring Power
Adjustable sizes 2-6.

Handling
Universal, non-handed.

Body
Cast aluminum.

Arm
Adjustable stamped steel.

Spindle
Precision machined steel.

Piston
Precision machined steel.

Springs
Tempered steel.

Valve
Adjustable sweep speed, latch speed and backcheck cushioning valves.

Seals
"O" rings.

Fluid
High lubricity hydraulic fluid.

Degree of Opening
Up to full 180° opening, with adjustable hold-open from 85° to 180°.

Mountings
Regular or parallel arm mounting. 2” standard frame accommodates master or companion unit.

Fasteners
Standard: combination screws for wood and metal doors.

Voltage
24VAC, 24VDC and 120VAC available; see How to Order, page 6.

Ionization Detector Component
UL listed; sensitive to products of combustion. Temperature range: 32°-122°F. Smoke Obscuration range: 0.32-0.96 sensitivity.

Holder Component
UL listed low voltage magnet with built-in rectifier. Hold-open adjustable from 85° to 180°. Concealed on/off switch manually disconnects hold-open. Holding force variable from 0-25 lbs.

Warranty
Two-year limited warranty on entire unit.

Certification/Compliance
UL / ULC
UL listed for use on fire doors.

NFPA

Finishes

| BHMA 689 | Silver Aluminum Painted |
| BHMA 690 | Dark Bronze Painted |

Status indicator light
Integral smoke detector and electro-mechanical holder

Low Projection

Heavy duty arm
### Mountings

**Safeguard™ Door Closers**  
**DC469000 Series**

| DC469300 Master Unit with Detector  
DC469200 Companion Unit without Detector  
| Pull side mounted unit for right hand and left hand single doors or pairs of doors.  
For doors flush with frame, or with 1/8” maximum reveal on pull side. Minimum top rail 2⅜”.

| DC469350 Master Unit with Detector  
DC469250 Companion Unit without Detector  
| Push side mounted unit for left hand reverse bevel doors.  
For double egress doors and doors set within a reveal. Maximum reveal: 3½”. Minimum top rail 3⅜”.

| DC469380 Master Unit with Detector  
DC469280 Companion Unit without Detector  
| Pull side mounted holder body with push side mounted closer. For reverse bevel doors and to allow 180° opening of doors.  
Accommodates minimum door-to-wall clearance on push (closer) side, and ⅛” maximum reveal on pull (holder) side. Minimum top rail: 4”.

---

Note: Shaded area indicates holder body.
### Ordering Examples

#### Contract / Detailed Order

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Series/Mounting</th>
<th>Finish</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>DC469300</td>
<td>689</td>
<td>24A</td>
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<table>
<thead>
<tr>
<th>Quantity</th>
<th>Series/Mounting</th>
<th>Finish</th>
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### Where to find ordering information and quick codes

<table>
<thead>
<tr>
<th>Series/Mounting/Size</th>
<th>Page 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Page 6</td>
</tr>
<tr>
<td>Door Thickness</td>
<td>Page 6</td>
</tr>
<tr>
<td>Voltage</td>
<td>Page 6</td>
</tr>
<tr>
<td>Miscellaneous Options</td>
<td>Page 6</td>
</tr>
</tbody>
</table>
# Safegard™ Door Closers

## DC469000 Series Quick Codes

### Series/Mounting

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting</th>
<th>Specify</th>
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</thead>
<tbody>
<tr>
<td>Regular Arm</td>
<td>Master</td>
<td>DC469300</td>
</tr>
<tr>
<td>Pull side mounted for right or left hand single doors or pairs of doors</td>
<td>Companion</td>
<td>DC469200</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>Master</td>
<td>DC469350</td>
</tr>
<tr>
<td>Push side mounted for left hand reverse bevel doors</td>
<td>Companion</td>
<td>DC469250</td>
</tr>
<tr>
<td>Parallel Arm Closer, Pull Side Holder</td>
<td>Master</td>
<td>DC469380</td>
</tr>
<tr>
<td>Pull side mounted holder body with push side mounted closer for reverse bevel doors and to allow 180° opening</td>
<td>Companion</td>
<td>DC469280</td>
</tr>
</tbody>
</table>

### Finish

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SBL</td>
<td>689</td>
</tr>
<tr>
<td>LBL</td>
<td>690</td>
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</table>

### Voltage

<table>
<thead>
<tr>
<th>Description</th>
<th>Specify</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 volt alternating current</td>
<td>24A</td>
</tr>
<tr>
<td>24 volt direct current</td>
<td>24D</td>
</tr>
<tr>
<td>120 volt alternating current</td>
<td>120A</td>
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</table>

### Door Thickness

<table>
<thead>
<tr>
<th>Door Thickness</th>
<th>Specify</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 3/8&quot;</td>
<td>(standard)</td>
</tr>
</tbody>
</table>
Suggested Specification

All door closer/holders shall be DC469000 Series Door Closer/holders as manufactured by Corbin Russwin Architectural Hardware, Clarksdale, Mississippi, USA.

Closers shall be of steel rack and pinion construction to ensure durability and effective control of the door throughout the opening and closing cycles. Cases shall be cast aluminum, vacuum and pressure impregnated with resin to reduce the possibility of microporosity.

Closers shall be available in non-sized spring accommodate various door conditions.

Closing, latching and backcheck shall be controlled by 3 separate non-critical valves sealed with an "O" ring. High lubricity hydraulic fluid shall be furnished.

Closers shall not project over 2\(\frac{1}{8}\)“ and shall require a metal cover. Closers shall be capable of mounting on a 2\(\frac{3}{16}\)“ top rail.

Closers shall be universal type, non-handed, and shall accommodate a 180° opening in regular and parallel arm applications. Closers which cannot be mounted for up to 180° opening shall not be acceptable.

Smoke detector components shall be the ionization type and shall operate within the 32°-122°F range. Smoke obscuration range shall be 0.32 to 0.96 sensitivity.

Closers shall be listed by Underwriters Laboratories.

Product shall carry a two-year limited warranty.
For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

In U.S.:
Corbin Russwin Architectural Hardware
P.O. Box 25288
Charlotte, NC 28229-8010 USA
Phone 704-283-2101 Fax 704-289-2875

In Canada:
Corbin Russwin Canada
3160 Orlando Drive
Mississauga, ONT L4V 1R5
Phone 800-461-3007 / 905-672-4220
Fax 800-461-8989 / 905-672-9022
Safegard™ Door Closers
DC46900 Series

Detector Energized - Not in Alarm

*Specific wiring instructions for 24 VAC, 24 VDC and applications systems (including multiple detector door release) are provided with units.