

**Corbin
RUSSWIN** ®

A member of the Yale Security Group

Safeguard™ Door Closers

DC469000 Series



Safeguard™ Door Closers DC469000 Series

Applications

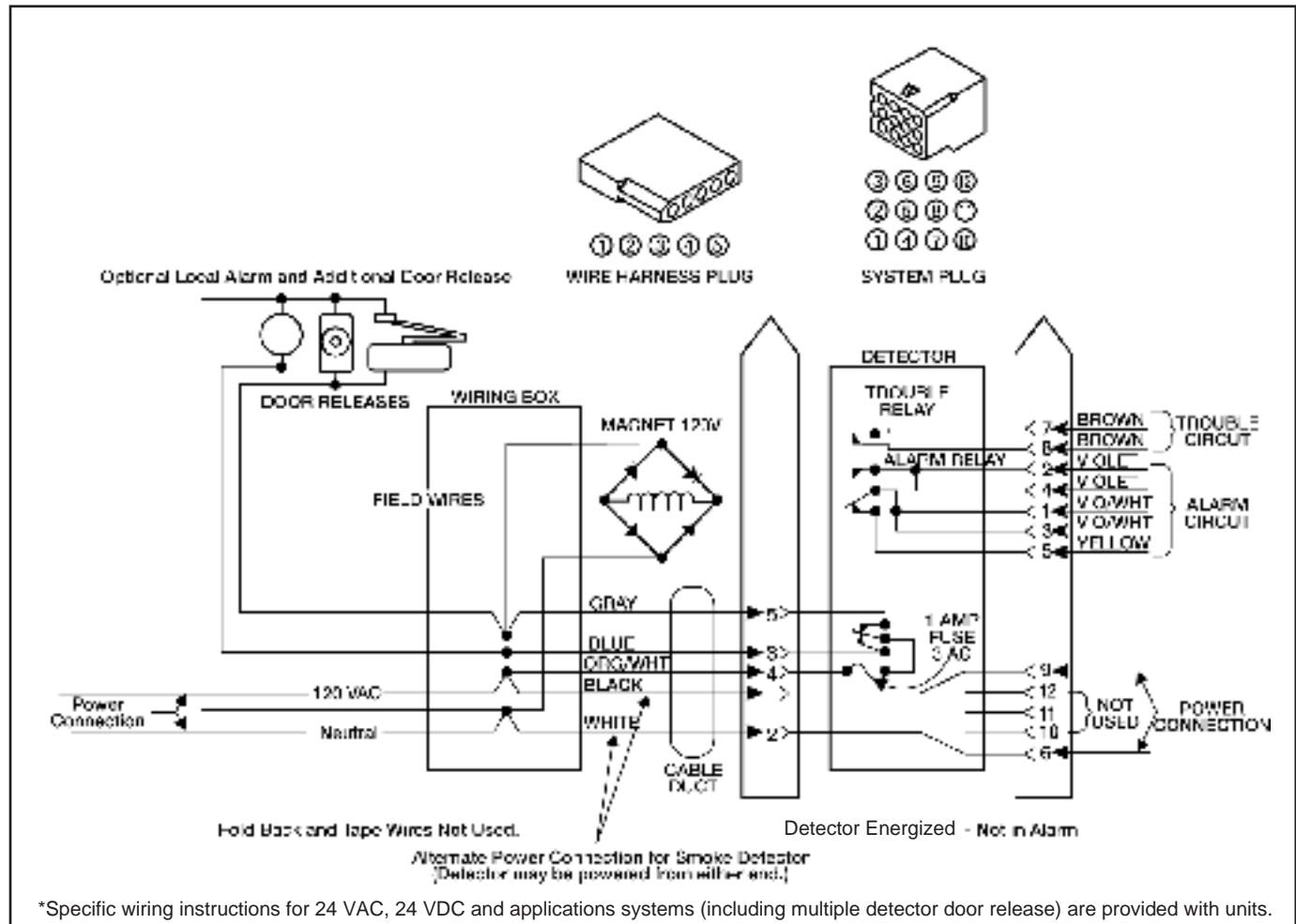
This door control with integral smoke detector unit combines the strength of a heavy duty surface closer with a code compliant smoke detector and electro-mechanical holder. Master unit includes holder, detector and closer; companion unit includes holder and closer for paired or additional doors. Ideal 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

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Safeguard™ Door Closers DC469000 Series

Features

Spring Power

Adjustable sizes 2-6.

Handing

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°.

Covers

Standard master holder and detector: extruded steel, 20¹³/₁₆" long x 1⁷/₈" wide x 4¹/₁₆" projection.

Standard companion holder: extruded aluminum, 11³/₄" long x 1⁷/₈" wide x 4¹/₁₆" projection.

Standard on master and companion closer cover is made of steel, 2¹³/₁₆" x 13" x 2¹/₈" projector. See How to Order, page 6.

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

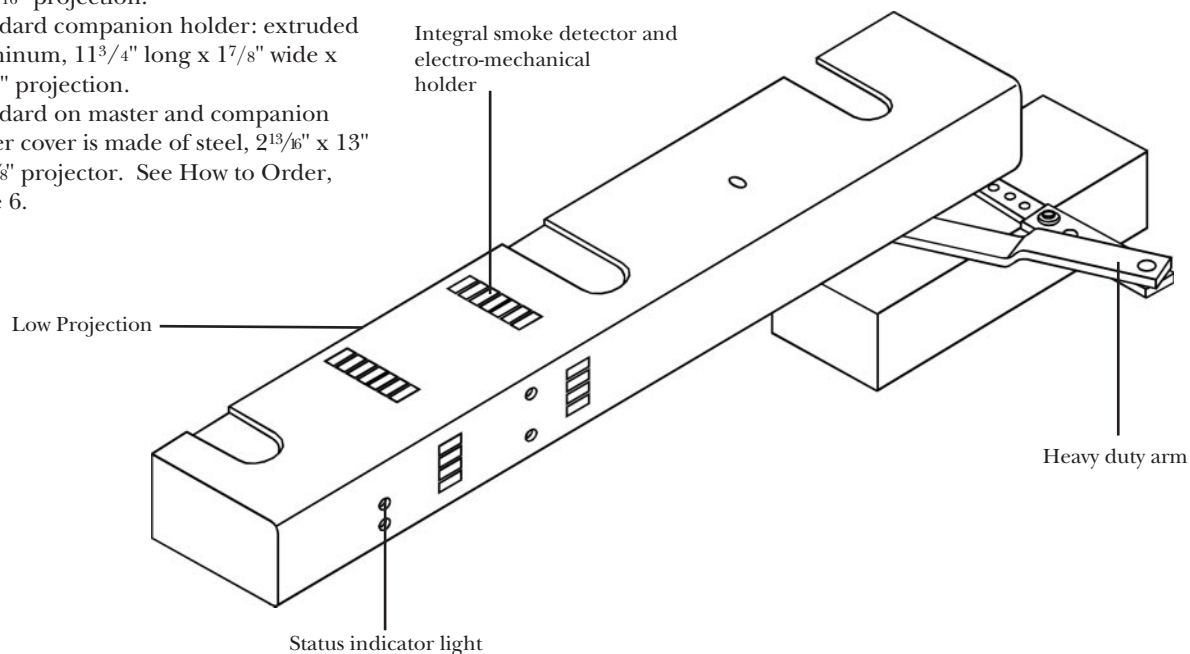
UL listed for use on fire doors.

NFPA

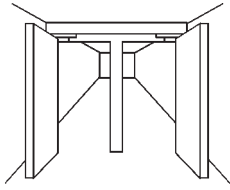
Conforms to NFPA 101 Life Safety Code.

Finishes

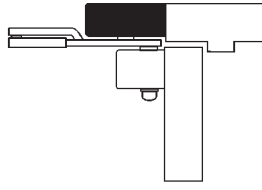
BHMA 689	Silver Aluminum Painted
BHMA 690	Dark Bronze Painted



Safeguard™ Door Closers DC469000 Series



Cross corridor – doors swing in same direction.

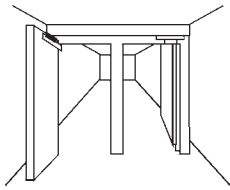


Mounting

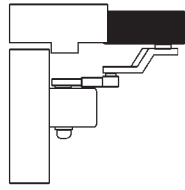
DC469300 Master Unit with Detector **DC469200 Companion Unit without Detector**

Pull side mounted unit for right hand and left hand single doors or pairs of doors.

For doors flush with frame, or with $\frac{1}{8}$ " maximum reveal on pull side. Minimum top rail $2\frac{3}{16}$ ".



Cross corridor – double egress doors swing in opposite directions.



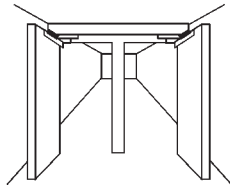
Mounting

DC469350 Master Unit with Detector **DC469250 Companion Unit without Detector**

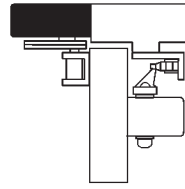
Push side mounted unit for left hand reverse bevel doors.

For double egress doors and doors set within a reveal.

Maximum reveal: $3\frac{1}{2}$ ". Minimum top rail $3\frac{1}{8}$ ".



Cross corridor – doors swing in same direction.



Mounting

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 $\frac{1}{8}$ " maximum reveal on pull (holder) side. Minimum top rail: 4".

Note: Shaded area indicates holder body.

Safeguard™ Door Closers DC469000 Series

Ordering Examples

Contract / Detailed Order

Quantity	Series/Mounting	Finish	Voltage
34	DC469300	689	24A

Contract / Detailed Order

Quantity	Series/Mounting	Finish	Voltage
34	DC469200	689	24A

Where to find ordering information and quick codes

Series/Mounting/Size	Page 6
Finish	Page 6
Door Thickness	Page 6
Voltage	Page 6
Miscellaneous Options	Page 6

How to Order

Safeguard™ Door Closers DC469000 Series Quick Codes

Series/Mounting

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

Finish

Description	Specify
SBL Silver Aluminum Painted	689
LBL Dark Bronze Painted	690

Voltage

Description	Specify
24 volt alternating current	24A
24 volt direct current	24D
120 volt alternating current	120A

Door Thickness

Door Thickness	Specify
1 ³ / ₄ "	(standard)

Safeguard™ Door Closers DC469000 Series

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 2¹/₈" and shall require a metal cover. Closers shall be capable of mounting on a 2⁹/₁₆" 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 / 905-672-6220
Fax 800-461-8989 / 905-672-9022

Safeguard™ 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.