

ExitCheck® 1511S / 1511T Series Integrated Delayed Egress Locks

The Exit Check® series incorporates an alternating verbal message, verbal countdown and alarm tone, plus a large digital countdown display and door release indicator that provides a clear warning for the safety of persons without prior knowledge of door operation, including the blind and hearing impaired.

SDC PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.



1511S



1511T



MODELS

1511S Single, Integrated, 1650lbs

1511T Tandem, Integrated, 1650lbs



FEATURES

- Field selectable voice message and alarm tone, or alarm tone only, 75 db @ 3 ft
- The visual display provides a digital countdown, indicates lock release and verifies if the door was opened for egress.
- Choice of fixed 15 second exit and 1 second nuisance delay or field selectable 15 or 30 second exit delay and 1 or 2 second nuisance delay
- Field selectable security or safety message
- Field selectable activation:
Door movement; Exit device with switch kit; Exit sense bar for non-latching doors
- Field selectable automatic or manual relock upon power up after emergency release or power loss.
- Integrated 3 position key switch provides: Lock and alarm reset; Manual power-up*; Sustained bypass; Timed bypass, adj. for 1, 15, 20 or 30 seconds
- Field selectable door prop alarm: Alarm sounds when door is left open after selected bypass time has elapsed.

- Anti-tailgate feature
- Single or multi-door zone control and reset capability
- Field scalable dual voltage

CONTROL INPUTS

- Remote access control and REX input, field adjustable for 1, 15, 20 or 30 seconds
- Remote reset input
- Manual power-up input*
- Emergency release input
- Anti-tailgate input

MONITORING OUTPUTS

- Door secure and unlocked output
- Delayed egress activation alarm output



FEATURES (CONT.)

BUILT-IN ACTIVATION TRIGGER

SELF ADJUSTING DOOR MOVEMENT SENSOR

The built-in door movement sensor may only be used with doors equipped with a latch assembly, such as a mechanical lockset or exit device.

The mechanical latch mechanism must be locked on the exterior and unlocked on the interior. From the inside, retracting the door latch and applying pressure causes limited door movement. The built-in activation trigger senses the door movement and initiates delayed egress operation. The self adjusting sensor helps prevent false triggering.

EXTERNAL DEVICE TRIGGER INPUT

ACTIVATION FOR NON-LATCHING DOORS

The external activation trigger input must be used with doors without latch assemblies, such as latch-less glass and herculite doors.

Activation may be triggered by the SDC MSB550 Switch Bar or the SDC Sure Exit®, request-to-exit push bar. A power transfer device is required. Pushing on the request-to exit push bar immediately activates the delayed egress operation.

ACTIVATION FOR LATCHING DOORS

Where preferred, activation may be accomplished by a latch monitoring strike, or a switch installed in a standard latching exit device or lockset. A power transfer device is required for exit devices equipped with a trigger switch.

See SDC datasheets for detailed information on SDC MS Series Latch Monitoring Strikes, Exit Device Switch Kits and Power Transfer Devices.

SLAVE LOCK OUTPUT

The slave lock output enables the use of two units for pairs of doors and ensures that pushing on one door leaf will cause both doors to release.

AUTOMATIC OR MANUAL POWER-UP

Field selectable method of lock power-up, automatic or manual, after power loss or emergency release.

AUTO POWER-UP

When selected, regardless of the means of deactivation, relocking of the Exit Check® occurs when power is restored and/or the fire life safety panel is reset.

MANUAL POWER-UP

UBC, California Building Code (OSHPD) Compliant Reset
When selected, regardless of the means of deactivation, relocking of the Exit Check® is by manual means only at the door. Only after power restoration and/or fire life safety panel reset, the door may be relocked by actuating the standard built-in key reset or optional wall mounted key switch, push switch or digital keypad located adjacent to the door.

OPTIONAL FEATURES

- **K** Built-In Key Control
- **P** Built-In Reset Push Switch
- **L** Less Key or Push Switch

KEYLESS CONTROL

While the Exit Check® is equipped with a standard built-in 4 function key switch for reset, manual power up, momentary bypass and sustained bypass functions, the SDC 920 wall mounted keypad provides the convenience of keyless operation for:

- Alarm Reset
- Manual Power-Up (UBC & California required)
- Momentary or Sustained Bypass



CERTIFICATIONS

- **IBC, International Building Code**
1008.1.8.6 Delayed Egress Locks
- **IFC, International Fire Code**
1008.1.8.6 Delayed Egress Locks
- **NFPA 101, Life Safety Code**
7-2.1.6.1 Delayed Egress Lock
- **NFPA 1-UBC Uniform Fire Code**
- **CBC, California Building Code**
1008.1.8.6 Special Egress Control Devices
- **OSFM, California State Fire Marshall Listed** 3774-03248103
- **UBC, Uniform Building Code**
- **SBC, Standard Building Code**
- **BOCA, National Building Code**
1017.4.1.2 Special Locking Arrangements
- **Chicago Building Code**
10 (13-160-269) Electro-Magnetic Locking Devices.

LOCAL APPROVAL

All installations must be approved by the Authority Having Jurisdiction (AHJ).

APPLICATION

Typically used on exit doors, when unauthorized egress is initiated when in the locked mode, the SDC Exit Check® delays egress through the door for 15 or 30 seconds. Meanwhile, the person exiting must wait while personnel or security respond. The door unlocks after 15 seconds have elapsed, permitting egress. A signal from the fire life safety system will release the lock for uninhibited egress in an emergency. 30 second delay available where approved.

AIRPORT & PUBLIC FACILITY SECURITY & SAFETY

Control pedestrian traffic in government, public facilities and transportation facilities, including airport jetways and tarmacs.

LOSS PREVENTION

Provide theft protection of merchandise, technology and other valuables such as, art and museum artifacts.

ACCESS CONTROL

Access controls may be utilized for authorized egress, access and lock reset. Access from the exterior of latching doors requires an additional means of mechanical lock release, such as a mechanical key or electric strike.

WANDERING PATIENT AND INFANT PROTECTION

Restrict the egress of psychiatric and drug rehab patients, elderly patients in assisted living facilities and restrict the movement of nursery infants for their own safety and security.

PATIENT & INFANT TRACKING SYSTEMS

The SDC Exit Check® is compatible with patient tracking systems, like those used for protection against infant abduction from hospital nurseries, and for the protection of patients in long term care facilities who may be endangered if they leave their care facility without supervision.

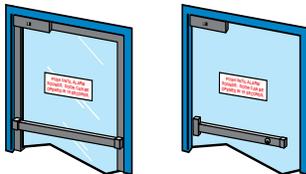


SINGLE DOOR APPLICATIONS



For use with single doors equipped with:

- Mortise or rim mount exit devices
- Surface (SVR) or concealed (CVR) vertical rod exit devices with surface or concealed strikes and triggers
- Mortise or cylindrical locksets

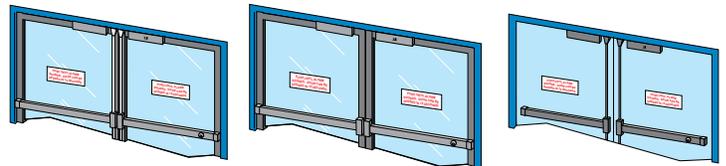


DOUBLE DOOR APPLICATIONS



Activating either door unlocks both doors. For use with pairs of doors equipped with:

- Mortise or rim mount exit devices
- Surface (SVR) or concealed (CVR) vertical rod exit devices with surface or concealed strikes and triggers.
- Mortise or cylindrical locksets



NFPA 101, NFPA 1-UFC, UBC, IBC, IFB, SBC Compliant

NA Selectable 15/30 Second Release, Selectable 1/2 Second Nuisance, Fixed Manual Reset, Selectable Locked/Unlocked Power-Up

ND Fixed 15 Second Delayed Release, Selectable 1/2 Second Nuisance, Fixed Manual Reset, Selectable Locked/Unlocked Power-Up

NFPA 101, NFPA 1-UFC, UBC, IBC, IFB, SBC, CBC Compliant

NC Fixed 15 Second Delayed Release, Selectable 0/1 Second Nuisance, Fixed Manual Reset, Fixed Unlocked Power-Up

BOCA, Chicago Compliant

BD Fixed 15 Second Delayed Release, Selectable 0/1 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up

BH Fixed 30 Second Delayed Release, Selectable 0/1 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up

BC Fixed 15 Second Delayed Release, Fixed 0 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up

1) When the door is closed, latched, and the lock is energized, field selectable "15" or "30" is displayed, indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 or 2 seconds, the warning tone stops and the door stays locked.

Non Latching Glass Doors: Activation by PSB560 Exit Sense Bar

3) When activation exceeds the nuisance time (1 or 2 seconds) an irreversible process begins that will unlock the door in 13 or 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone...."Exit in twelve seconds,
Security has been alerted"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

FEMALE VOICE WITH SAFETY MESSAGE

Tone...."Exit in twelve seconds,
Facility Staff has been notified"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

-tone ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when delay time has elapsed and the digital display indicates "00" and annunciation continues.

5) The lock is manually reset by built-in key (K) or optional wall mount keypad or keyswitch.

6) The door will unlock upon signal from the fire life safety system or power loss.

Auto Power-Up: Lock will re-arm automatically when power is restored and fire alarm system is reset.

Manual Power Up: Lock is re-armed by manual means only at the door by key reset (K) or optional wall mounted reset keypad or keyswitch

1) When the door is closed, latched, and the lock is energized, "15" is displayed indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 second, the warning tone stops and the door stays locked.

Non-Latching Glass Doors: Activation by PSB560 Exit Sense Bar (see page XX)

3) When activation exceeds the nuisance time of 1 second an irreversible process begins that will unlock the door in 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone...."Exit in twelve seconds,
Security has been alerted"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

FEMALE VOICE WITH SAFETY MESSAGE

Tone...."Exit in twelve seconds,
Facility Staff has been notified"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

-tone ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when 15 seconds has elapsed, the digital display indicates "00" and annunciation continues.

5) The lock is manually reset by the built-in key (K) or optional wall mounted keypad or keyswitch.

6) The door will unlock upon signal from the fire life safety system or power loss.

Auto Power-Up: Lock will re-arm automatically when power is restored and fire alarm system is reset.

Manual Power-Up: Per California Building Code, lock is re-armed by manual means at the door by key reset (K) or optional wall mounted reset keypad or keyswitch

1) When the door is closed, latched and the lock is energized, "15" is displayed indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 second, the warning tone stops and the door stays locked.

Non-Latching Glass Doors: Activation by PSB560 Exit Sense Bar

3) When activation exceeds 1 second, an irreversible process begins that will unlock the door in 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone...."Exit in twelve seconds,
Security has been alerted"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

FEMALE VOICE WITH SAFETY MESSAGE

Tone...."Exit in twelve seconds,
Facility Staff has been notified"
Tone...."Exit in five seconds"
Tone...."Exit now", Tone...."Exit now"

-tone ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when 15 seconds has elapsed, the digital display indicates "00" and annunciation continues.

5) The door must be opened and then closed for 30 seconds before the lock automatically re-locks and annunciation stops. Reopening of the door before the end of the 30 second re-locking cycle will restart the 30 second re-locking cycle.

Manual reset not available.

6) Built-in key (K) or optional wall mounted keypad or keyswitch (see page 8) provide timed or maintained bypass.

7) The door will unlock upon signal from the fire life safety system or power loss.

Note: If no Code is specified, NA is the SDC Standard Supplied Code Setting

SPECIFICATIONS

Electrical

Input Voltage Dual voltage Sensing 12/24 VDC ± 10%

Standard 1650lbs Holding Force

1511S 820mA @ 12VDC | 500mA @ 24VDC

1511T 1500mA @ 12VDC | 850mA @ 24VDC

Energy Saver 1200lbs Holding Force

1511S (E option) 400mA @ 12VDC | 275mA @ 24VDC

1511T (E option) 650mA @ 12VDC | 400mA @ 24VDC

Mechanical

Single 11"L x 2-3/4"H x 2-5/8"D

Tandem

Master 11"L x 2-3/4"H x 2-5/8"D

Slave 11"L x 2-3/4"H x 2-5/8"D

Armature 7-3/8"L x 2-3/8"H x 9/16"D

Inputs

Request to Exit Normally open, dry

Fire Alarm Release Alarm panel closed dry contact. Opening of contact releases lock.

Monitoring Outputs

Alarm Output SPDT Dry, 1 Amp @ 30VDC

Lock Secure Unlocked Output SPDT Dry, 1 Amp @ 30VDC

DPS Door Position Status (optional) SPDT Dry, 250 mA @ 30VDC

BAS Magnetic Bond Status (optional) SPDT Dry, 250 mA @ 30VDC

ATS Anti Tamper Sensor (optional) SPDT Dry, 1 Amp @ 30VDC

HOW TO ORDER

FOLLOW STEPS 1-5 FOR ORDERING

1| SPECIFY MODEL

1511S Single, Integrated, 1650lbs
1511T Tandem, Integrated, 1650lbs

2| SPECIFY OPERATION MODE*

NA Selectable 15/30 Second Release, Selectable 1/2 Second Nuisance, Fixed Manual Reset, Selectable Locked/Unlocked Power-Up
NC Fixed 15 Second Delayed Release, Selectable 0/1 Second Nuisance, Fixed Manual Reset, Fixed Unlocked Power-Up
ND Fixed 15 Second Delayed Release, Selectable 1/2 Second Nuisance, Fixed Manual Reset, Selectable Locked/Unlocked Power-Up
NH Fixed 30 Second Delayed Release, Selectable 0/1 Second Nuisance, Fixed Manual Reset, Selectable

Locked/Unlocked Power-Up
BD Fixed 15 Second Delayed Release, Selectable 0/1 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up
BH Fixed 30 Second Delayed Release, Selectable 0/1 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up
BC Fixed 15 Second Delayed Release, Fixed 0 Second Nuisance, Selectable Auto/Manual Reset, Selectable Locked/Unlocked Power-Up

3| SPECIFY BUILT IN RESET AND CONTROL

K Built-In Key Control
P** Built-In Reset Push Switch
L Less Key or Push Switch

4| SPECIFY FINISH

V 628 Dull Aluminum
Y 335 Dull Black
S 629 Bright Stainless
Q 626 Dull Chrome
X 710 Dark Bronze
C 605 Bright Brass

5| SPECIFY LOCK OPTIONS***

E Energy Saver
D Door Position Sensor (DPS)
B Bond Alert Sensor (BAS)
A Anti-Tamper Sensor (ATS)

Notes: *If no Operation Mode is specified, NA is the SDC Standard Supplied Code Setting
** Available with NFPA (NA) only.
*** Double option cost for tandem 1511T

STEP NUMBER: 1 2 3 4 5

ORDERING EXAMPLE: 1511S | NC | K | V | D

 Designates optional step

ACCESSORIES

SPECIFY PROGRAMMING OPTIONS

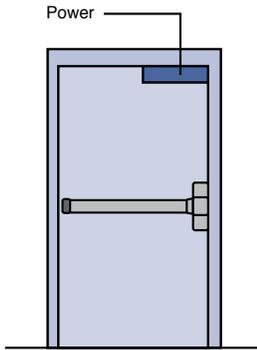
VI One Language or Bilingual Spanish, or English and Spanish, verbal notification.

VIC Custom Verbal Announcement (10 piece purchase minimum) POA

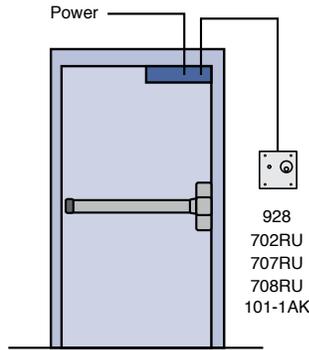
RRX Reset on REX
Allows the REX input to reset after an unauthorized egress alarm.

Not available for NC operation

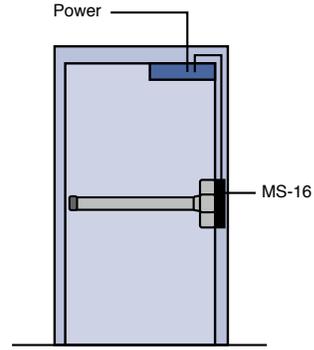
COMPONENT CONSIDERATIONS



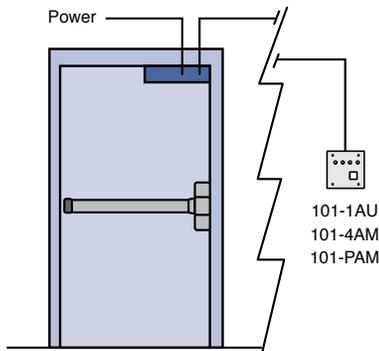
Door Movement Trigger by Latching Exit Device
Rim Mount, Mortise, or Vertical Rod



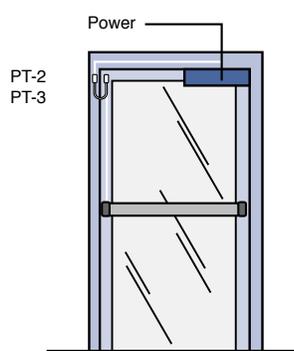
Optional Wall Mount Key Reset
(Built-In Key Reset Standard)



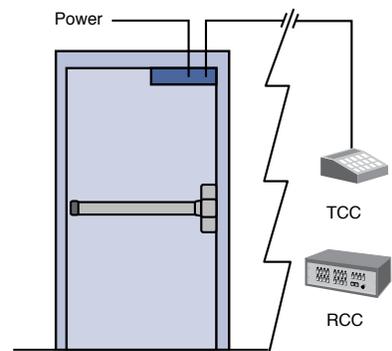
Latch Monitoring Strike Trigger
For Mortise Exit Devices or Lock



Remote Wall Mount Annunciator

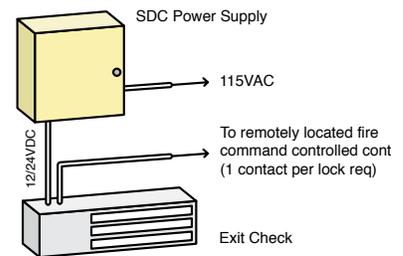
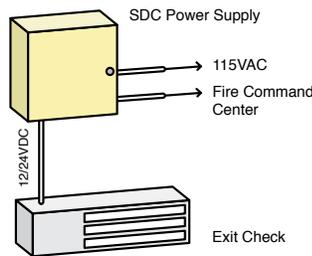
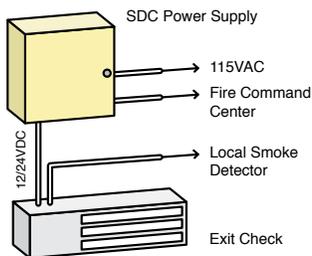


Sense Bar Trigger Non-Latching
PSB560, MSB550



Remote Desktop Annunciator
and Control Panel

EMERGENCY RELEASE MODES



DUAL EMERGENCY RELEASE

SDC 600 Series Power Supply and Integrated Lock Emergency Release

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

SDC 600 SERIES POWER SUPPLY EMERGENCY RELEASE

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

INTEGRATED LOCK EMERGENCY RELEASE

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

COMPONENT CONSIDERATIONS (CONT.)

STATION CONTROLS AND ANNUNCIATORS

While the Exit Check® is equipped with a standard built-in key switch for reset and bypass functions, wall mounted stations provide for convenient alarm reset, sustained bypass or timed bypass.

Remote annunciators provide quick identification of activated openings, enabling security or care personnel to respond rapidly. Annunciators are equipped with an audible alarm and each station is identified by one tri-color LED that identifies specific mode status.

Secure - Green
Activation - Amber x Audible Tone
Unlocked - Red x Audible Tone



MODELS

- 920** Keypad (see page 3)
- 702RU** Alarm Reset & Manual Power-Up Key Switch
- 708RU** Alarm Reset, Manual Power Up & Bypass Key Switch



101-1A

The single station annunciator is equipped with a tri-color LED and audible alarm.



101-PAM

Visual and audible annunciation, timed access, sustained bypass, and audible mute.



101-1AK

Visual and audible annunciation and key switch for alarm reset, manual power up and sustained bypass.



101-4AM

Provides visual and audible annunciation with audible mute for two, three or four openings.

CONSOLES, DESKTOP AND RACK MOUNT

SDC control and annunciator panels provide remote annunciation of multiple openings. Stations are specified in sets of four. Control switches are also available and capable of providing both sustained bypass and timed unlocking of individual doors. Consult the factory or refer to SDC control console datasheets for additional specifications.



TCC Desk Top
Stations: 4, 8 & 12



RCC Rack Mount
Stations: 4 - 20



CAB Desk Top
Cabinet



MODELS

- CAB7:** Accommodates 1 RCC
- CAB12:** Accommodates 2 RCC

LATCH STRIKES TRIGGER



MODELS

- MS-16** For mortise latch, reversible
 - Fits 4.875" Strike (provided by others)
 - Gap & alignment adj.
 - SPDT, 5 Amps @ 30VDC



SURE EXIT REQUEST-TO-EXIT

The Sure Exit is a non-latching, heavy duty, request-to-exit push bar that will activate the Exit Check® when slight pressure is applied to the bar.



Stainless steel and brass optional 36" is standard. For wider doors specify 42" or 48". May be field cut.



SPECIFICATIONS

Voltage Input	12/24VDC
Current	20 mA at rest, 115 mA active
Lock Output	Two, SPDT Dry, 3 Amp @ 28VDC
Operating Temperature	0° - 150° F

EXIT DEVICE SWITCH KITS

Switch kits are field installed in the inactive hinge pad of rim mount exit devices, mortise exit devices, concealed vertical rod exit devices and surface vertical rod exit devices.



MODEL MAKE & MODEL TO BE MODIFIED

- 00510** Von Duprin 33, 35, 98, 99
- 00510-2** Von Duprin 33, 35, 98, 99 DPDT
- 00511** Von Duprin 55
- 00512** Von Duprin 88
- 00514** Dor-O-Matic 990, 1090, 1990, 2090
- 00516** Sargent 9600, 9700, 9800, 9900
- 00517** Adams Rite 8300, 8400, 8700, 8800
- 00518** Precision Apex Series 1100
- 00518A** Precision Apex Series 2100 - 2800
- 00519** Jackson 1095
- 00519-2** Jackson 1095 DPDT
- 00521** Corbin 7000
- 00525** Monarch 18 and 19
- 00527** Sargent 80
- 00527-2** Sargent 80 DPDT
- 00528** Sargent 20/60 and Yale 2100
- 00531** Yale 7000 (Dogging mechanism required)
- 00535** Kawneer Mid Panel Line Dor-O-Matic 1390
- 00540** Arrow 53/5400 series
- 00542** Hager 4700
- 00590** Dor-o-Matic 1690