Introduction
Proper selection and application, in addition to safety, are major concerns to all responsible manufacturers. Chexit Controlled Exit Device is a critical part of an access system, and will provide safe and reliable service when properly applied and maintained. It is the policy of Von Duprin, Inc., to design and manufacture to a high standard of quality and reliability in accordance with accepted U.S. domestic and international standards. UL listed “Controlled Exit Panic Device,” for use on Panic Exit or Fire Exit hardware applications and tested in accordance to ANSI A156.3, 2001, Grade I. Chexit meets all requirements for NFPA101, Special Locking Arrangement.

It is intended that the information included in this publication, when properly used, will provide clear and reliable guidelines to the proper general selection and application. However, the scope of the information is necessarily limited.

Unusual operating conditions and environments, and other external influence can affect the proper application of the products represented. Modifications of these products will also affect UL listings. It is recommended whenever an unusual application condition exists, or when any modification of a product is considered, that our engineers review the application.

Von Duprin, Inc. application engineering services are available to help ensure proper selection or to review any areas where users of Von Duprin products may have questions.

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### Request to Exit Switch

Request to Exit Switch is built into the device to detect when someone attempts to exit. Applying less than 15 pounds to the push pad when the device is armed will cause this switch to start an irreversible alarm cycle.

### Nuisance Alarm

Nuisance Alarm — When a Chexit is located in a public area, it can be desirable to limit false alarms. If the Nuisance Audible and Nuisance Delay options are set to off, the device will go into alarm as soon as the push pad is touched (when armed). Turning the Nuisance Delay on will require the push pad to be pressed for 2 seconds before the Chexit goes into alarm. If the Nuisance Audible and Nuisance Delay are both on, the alarm will sound as soon as the push pad is pressed, but the alarm sequence will stop unless the push pad is held for 2 seconds or more.

### Remote Alarm

Remote Alarm — A set of relay contacts (rated 1 ampere, 24 VDC) are provided to give external alarm indication. These contacts close when the device is in an irreversible alarm condition (if Nuisance Audible is enabled, they will not close until the push pad has been held for more than 2 seconds). These contacts can be used to drive a horn, lamp, or other indicative device.

### Key Switch

Key Switch — The Key Switch provides the means to arm, disarm, or reset the Chexit. The key can be removed in either the Arm or Disarm position. In cases where the key switch is not used for controlling the device, a blank cylinder can be used.

### Indicator Lamp

Indicator Lamp — The status of the Chexit can be determined by the Indicator Lamp. A masked bezel design provides wide angle viewing in any lighting condition. When the lamp is off, this indicates the device is disarmed and is functioning as a normal exit device (no delay). A continuously on lamp indicates the device has just been armed and as soon as the selectable rearm timer expires, the device will arm. A slow flashing indicator lamp indicates the device is armed. A fast flashing indicator lamp indicates the device is in alarm.

### Internal Horn

Internal Horn — Whenever the device is in alarm or the push pad is pressed the internal horn will sound. The volume level of this horn exceeds 85 db at 6 feet. The user can select whether or not this horn sounds during a fire alarm condition.

### Door Position Input

Door Position Input — An external door position switch can be connected to the Chexit. Doing this gives added security to the opening and is recommended. If a door position switch is used, it will cause the alarm to sound if the door is not closed when the device is armed; it will sound the alarm if the door is forced open while the device is armed; it will provide anti-pass-back by cutting short the rearm time.

### External Inhibit Input

External Inhibit Input — This optional input is provided to allow remote override of the Chexit in the armed condition. It also allows remote reset of the Chexit in an alarmed condition. Typical device connections include card readers, wall-mounted key switches, or a remote security console. This input is controlled with a Normally closed switch (open = disarmed).

### Fire Alarm Input

Fire Alarm Input — This input disables the Chexit immediately upon a fire alarm. The building’s fire alarm system should provide normally closed contacts which open on alarm.

### Internal Auxiliary Lock

Internal Auxiliary Lock — The Auxiliary Lock is engaged when the Chexit is armed. The locking mechanism is specifically designed to hold securely even when the exit device is struck with forceful blows. The mechanism will also release upon command regardless of the force applied to the push pad. An override spring prevents damage to internal components when more than 75 pounds of force are exerted on the push pad.

### FEATURES

- **Indicator Lamp**
- **Key Switch**
- **Nuisance Alarm**
- **Request to Exit Switch**
- **Internal Horn**
- **External Inhibit Input**
- **Fire Alarm Input**
- **Door Position Input**
- **Remote Alarm**
- **Internal Auxiliary Lock**
CX98 and CX99 rim devices for all types of single doors and double doors with mullion, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 or 161 cutouts.

CX98-F and CX99-F fire exit rim devices for all types of 4’ x 8’ (1219mm x 2438mm) single doors or 8’ x 8’ (2438mm x 2438mm) double doors with 9954 mullion, UL listed for A, B, C, D or E fire-labeled installations.

Features
• Nonhanded
• Field sizeable
• 3/4” (19mm) throw, latch bolt

Dimensions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touchbar height to finished floor</td>
<td>39-13/16” (1011mm) at center</td>
</tr>
<tr>
<td>Touchbar projection —</td>
<td></td>
</tr>
<tr>
<td>neutral</td>
<td>3-13/16” (97mm)</td>
</tr>
<tr>
<td>depressed</td>
<td>3-1/16” (78mm)</td>
</tr>
<tr>
<td>Center case</td>
<td>8” x 2-1/4” x 2-3/4” (203mm x 57mm x 70mm)</td>
</tr>
<tr>
<td>Device length — Short 3’ (914mm)</td>
<td>2’10” to 3’ (864mm to 914mm) door size</td>
</tr>
<tr>
<td>Long 4” (1219mm)</td>
<td>3’4” to 4’ (1016mm to 1219mm) door size</td>
</tr>
</tbody>
</table>

Strikes and Fasteners

Device is furnished with standard 299 or 299F strikes in dull black finish, 499F is required on double fire doors. For optional strikes, finishes, applications, dimensions and minimum door stile information refer to page 10.

A combination of fasteners are included for surface mounting and through bolting to trim on 1-3/4” (44mm) and 2-1/4” (57mm) thick doors.

Device Option

Cylinder dogging, page 13

For How-To-Order Information on all devices, see page 17.
For electrical specifications, see page 16.
For power supply and power transfer information, see page 12.
When using Chexit mortise lock, the outside trim will operate the door without affecting the device in an armed condition, if a door position switch is not used.

The 7500 Mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a nonhanded auxiliary bolt for deadlocking, and a faceplate which has an adjustable bevel. Field selection of functions are furnished standard. TP, K or L function may be field selected by adjusting a set screw. Electric locking and unlocking, and signal switch options are available, refer to page 11.

**CX9875 and CX9975 mortise lock devices** for all types of single or double doors. UL listed for accident hazard installations. Fits stock hollow metal doors with 86 cutout, and door stiles as narrow as 4-3/4" (121mm).

**CX9875-F and CX9975-F fire exit mortise lock devices** for all types of 4' x 10' (1219mm x 3048mm) single doors or 8' x 8' (2438mm x 2438mm) double door installations, UL listed for A, B, C, D or E fire-labeled installations. Fits door stiles as narrow as 4-3/4" (121mm).

**Features**
- Nonhanded
- Full reversible mortise lock
- Field sizeable
- 3/4" (19mm) throw, anti-friction latch bolt
- Latch bolt deadlocking
- Eight popular finishes

**Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touchbar height to finished floor</td>
<td>39-5/8&quot; (1006mm) at center</td>
</tr>
<tr>
<td>Latch bolt height to finished floor</td>
<td>40-3/32&quot; (1018mm) at center</td>
</tr>
<tr>
<td>Touchbar projection — neutral depressed</td>
<td>3-13/16&quot; (97mm) 3-1/16&quot; (78mm)</td>
</tr>
<tr>
<td>Center case</td>
<td>8&quot; x 2-1/4&quot; x 2-3/4&quot; (203mm x 57mm x 70mm)</td>
</tr>
<tr>
<td>Device length — Short 3' (914mm) Long 4&quot; (1219mm)</td>
<td>2'10&quot; to 3' (864mm to 914mm) door size 3'4&quot; to 4' (1016mm to 1219mm) door size</td>
</tr>
<tr>
<td>Lock case</td>
<td>4-5/8&quot; x 5-3/4&quot; x 1-1/16&quot; (118mm x 146mm x 27mm)</td>
</tr>
<tr>
<td>Faceplate</td>
<td>1-1/4&quot; x 8&quot; x 7/32&quot; (32mm x 203mm x 6mm)</td>
</tr>
<tr>
<td>Cylinder backset</td>
<td>2-3/4&quot; (70mm)</td>
</tr>
</tbody>
</table>

**Strikes and Fasteners**

Device is furnished with standard 575 strike in dull black finish. For optional strikes, finishes and dimensions refer to page 10.

575 Strike — for use on 1-3/4" (44mm) or 2-1/4" (57mm) single doors and 2-1/4" (57mm) double doors with coordinator.

575-2 Strike — for use on 1-3/4" (44mm) double doors with coordinator.

576A Strike — open back strike for 1-3/4" (44mm) double doors without coordinator.

576B Strike — open back strike for 2-1/4" (57mm) double doors without coordinator.

A combination of fasteners are included for surface mounting and through bolting to trim on 1-3/4" (44mm) and 2-1/4" (57mm) thick doors.

**Device Option**

Cylinder dogging, page 13

For How-To-Order Information on all devices, see page 17.
For electrical specifications, see page 16.
For power supply and power transfer information, see page 12.
CX9847 and CX9947 concealed vertical rod devices for use on single or double metal doors, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 or 161 cutouts.

CX9847-F and CX9947-F fire exit concealed vertical rod devices for use on 8' x 8' (2438mm x 2438mm) double metal doors, UL listed for A, B, C, D or E fire-labeled installations.

Features
• Nonhanded • 5/8" (16mm) throw, latch bolt • Latch bolt deadlocking • Adjustable top rod • Eight popular finishes

Dimensions
| Touchbar height to finished floor | 39-5/8" (1006mm) at center |
| Touchbar projection — neutral | 3-13/16" (97mm) |
| depressed | 3-1/16" (78mm) |
| Center case | 8" x 2-1/4" x 2-3/4" (203mm x 57mm x 70mm) |
| Device length — Short 3' (914mm) | 2'10" to 3' (864mm to 914mm) door size |
| Long 4" (1219mm) | 3'4" to 4' (1016mm to 1219mm) door size |

Vertical rods — round Two piece adjustable top rod

Strikes and Fasteners
Device is furnished with standard 338 and 385A strikes. For optional strikes, finishes, applications, dimensions and minimum door stile information refer to page 10.

A combination of fasteners are included for surface mounting and through bolting to trim on 1-3/4" (44mm) and 2-1/4" (57mm) thick doors.

Device Option
Cylinder dogging, page 13

For How-To-Order Information on all devices, see page 17.
For electrical specifications, see page 16.
For power supply and power transfer information, see page 12.
Chexit™ Wood Door Concealed Vertical Rod Device

**CX9847WDC and CX9947WDC concealed vertical rod devices** for use on single or double wood doors, UL listed for accident hazard installations.

**CX9847WDC-F and CX9947WDC-F fire exit concealed vertical rod devices** for use on 8’ x 9’3” (2438mm x 2819mm) double wood doors, UL listed for B, C, D or E fire-labeled installations. For use on approved doors only.

**Features**
- Nonhanded
- Field sizeable
- Adjustable top rod
- 5/8” (16mm) throw, latch bolt
- Latch bolt deadlocking
- Eight popular finishes

**Dimensions**
- Touchbar height to finished floor: 39-5/8” (1006mm) at center
- Touchbar projection —
  - Neutral: 3-13/16” (97mm)
  - Depressed: 3-1/16” (78mm)
- Center case: 8” x 2-1/4” x 2-3/4” (203mm x 57mm x 70mm)
- Device length — Short 3’ (914mm) to 3’4” (1016mm) door size
  - Long 4” (1219mm) to 4’ (1219mm) door size
- Vertical rods — round
  - Two piece adjustable top rod

**Strikes and Fasteners**
Device is furnished with standard 338 and 385A strikes. For optional strikes, finishes, applications, dimensions and minimum door stile information refer to page 10.

A combination of fasteners are included for surface mounting and through bolting to trim on 1-3/4” (44mm) and 2-1/4” (57mm) thick doors.

**Device Option**
Cylinder dogging, page 13

**Scalp Plate**
Device is furnished standard with an 8” (203mm) long scalp plate for easy access to rods.

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For How-To-Order Information on all devices, see page 17.
For electrical specifications, see page 16.
For power supply and power transfer information, see page 12.
Trim operation — rim and vertical rod application, trim will not function when Chexit is armed. Mortise application, trim will function when Chexit is armed.

<table>
<thead>
<tr>
<th>Function</th>
<th>Exit Only</th>
<th>Pull When Dogged</th>
<th>Key Retracts Latch Bolt</th>
<th>Key Retracts Latch Bolt</th>
<th>Key Locks Thumbpiece</th>
<th>Key Locks Lever</th>
<th>Key Locks Thumbturn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>990DT</td>
<td>990NL</td>
<td>NL-OP</td>
<td>990TP</td>
<td>991K</td>
<td>992L</td>
<td>376T</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>376T-WDC</td>
</tr>
</tbody>
</table>

| Device/Trim Center Line To Finished Floor |
|------------------------------------------|---|
| Projection | 2” (51mm) | 2” (51mm) | --- | 2” (51mm) | 3-3/4” (75mm) | --- | 1-1/4” (32mm) |

<table>
<thead>
<tr>
<th>Trim Number and Dimensions</th>
</tr>
</thead>
</table>

| Sex bolt application quantity required |
|----------------------------------------|---|
| Cylinder Type | 6 | 2 | 2 | 2 | 2 | 2 | 2 |

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Rm</th>
<th>---</th>
<th>---</th>
<th>---</th>
<th>---</th>
<th>---</th>
<th>---</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type Required</td>
<td>Rm</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Vert. Rod</td>
<td>Rm</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

Sex bolts application — when using 499-F strike, two additional 425 sex bolts are required. Wood door applications require two additional 825 sex bolts.

Sex bolts are required on wood or composite fire door applications.
Trim Selection

Standard Trim
Series 990
Heavy 10 gage (2.4mm) brass, bronze or stainless steel. DT, NL or TP functions

Series 991
Forged brass 3/4” (19mm) thick. Operational options — K, DT, NL or BE

Series 992
Forged brass 3/4” (19mm) thick. Operational options — L, DT, NL or BE

Series 370
Forged brass 7/8” (22mm) thick escutcheon.

Lever Design Options
To order: Use suffix lever number, example 9927L x 01.

Operation Options — Lever and Knob

- Standard operation, key locks and unlocks lever.
- Night latch, key retracts latch bolt, lever is rigid. Use NL suffix, i.e., 992L-NL.
- Blank escutcheon, lever always active. Use BE suffix, i.e., 992L-BE.
- Dummy trim, lever rigid for pull operation. Use DT suffix, i.e., 992L-DT.

Optional Trim
Series 696
Narrow design 3/16” (5mm) thick brass, bronze or stainless steel. DT, NL or TP functions. Flat pull grip.

Series 697
Narrow design 3/16” (5mm) thick brass, bronze or stainless steel. DT, NL or TP functions. Round wire pull grip.

Series 390
Offset solid brass, bronze or stainless steel 3/4” (19mm) wire pulls, 7” (178mm) in length. Through bolts to Chexit.
### Strike Application/Minimum Stile Using Standard Trim

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Standard Single door</th>
<th>Optional Single door</th>
<th>Optional Double door</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strike</td>
<td>Strike</td>
<td>Strike w/Mullion*</td>
</tr>
<tr>
<td>CX98</td>
<td>299 4-1/2&quot; (114mm)</td>
<td>4-7/8&quot; (124mm)</td>
<td>1410 3-13-1/16&quot; (97mm)</td>
</tr>
<tr>
<td>CX99</td>
<td>1606 4-1/16&quot; (103mm)</td>
<td>576A-576B 4-3/4&quot; (121mm)</td>
<td></td>
</tr>
<tr>
<td>CX98-F/CX99-F</td>
<td>299F 4-1/2&quot; (114mm)</td>
<td>499F x 9954 4-7/8&quot; (124mm)</td>
<td>575-2</td>
</tr>
<tr>
<td>CX9875-5</td>
<td>576 4-3/4&quot; (121mm)</td>
<td>576A-576B 4-3/4&quot; (121mm)</td>
<td></td>
</tr>
<tr>
<td>CX9875-F</td>
<td>575 4-3/4&quot; (121mm)</td>
<td>576A-576B 4-3/4&quot; (121mm)</td>
<td></td>
</tr>
</tbody>
</table>

* Mullion information — refer to General and Auxiliary section.
### Strike Application Information

#### Strikes for Rim Devices

- **299**
- **299F**
- **499F**
- **1408**

- **Projection 13/16" (21mm)**
- **1409 — Blade Stop**
- **1410 — Integral Stop**
- **1606**

- **Projection 1/2" (13mm)**
- **Projection 3/8" (10mm)**

#### Strikes for Vertical Rod Devices

- **283**
- **304L**
- **338**
- **385A**

- **Projection 3/8" (10mm)**
- **Mortise 13/16" (21mm)**
- **Mortise 5/8" (16mm)**
- **Mortise 2-1/2" (64mm)**

#### Strikes for Mortise Lock Devices

- **575**
- **575-2**
- **576A**
- **576B**

- For use on 1-3/4" (44mm) or 2-1/4" (57mm) single door and 2-1/4" (57mm) double door with coordinator.
- For use on 1-3/4" (44mm) thick double door with coordinator.
- Open back strike for 1-3/4" (44mm) thick double doors without coordinator.
- Open back strike for 2-1/4" (57mm) thick double doors without coordinator.
**Electric Mortise Lock**

The electric mortise lock has all the versatility and advantages of the standard mortise lock, plus being electrically controllable by a remote switching device, and access control or automatic fire alarm system.

The E7500 controls the locking of the outside trim. When unlocked, the door remains latched, preserving the fire rating of the door and making it particularly useful where codes permit locking, but require unlocking during a fire emergency.

**Standard Features**
- Field reversible
- 24 VDC continuous duty solenoid
- Silent operation
- Signalling functions
- Corrosion resistant
- Tamper resistant
- Key mechanically retracts latchbolt

**Optional Features**
- Fail secure (unlocked when energized, locked when de-energized or during power failure). Furnished standard.
- Fail safe (unlocked when energized, unlocked when de-energized or during power failure). Specify with suffix “FS”.
- 24 VAC (by adding SO option)
- 12 VDC or 12 VAC (with SO option)

**Electrical Power Transfer**

The EPT-10 provides a means to transfer power from the frame to the door stile in Chexit applications. It is used in installations with 4-1/2” x 4-1/2” (114mm x 114mm) butt hinges or 3/4” (19mm) offset pivots. The EPT-10 is reversible and allows a full (180°) door swing. When the door is closed, the unit is concealed for tamper resistance.

**UL approved component for use with listed rim, mortise and vertical rod fire devices.**

**Dimensions:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>9” x 1-7/16” x 1-1/2” (23mm x 37mm x 38mm)</td>
</tr>
<tr>
<td>Conductors</td>
<td>Ten 24 AWG UL Approved</td>
</tr>
<tr>
<td>Rating</td>
<td>10 Amps. at 24 VDC (Class 1 low voltage) (20 Amp. maximum surge)</td>
</tr>
</tbody>
</table>

**Power Supplies**

PS873 are UL approved power supplies and specifically designed to handle Chexit controlled exit device.

The PS873 is a 24 VDC, 2 Amp, regulated power supplies, 120 VAC input and can power up to four Chexits, but the rearm times must be staggered so that no two devices rearm at the same time. Refer to the Door Control and Security Products Catalog for complete power supply information.

**Specifications:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Surface Mount, No Lock 10” H x 12-1/2” W x 5” D (254mm x 333mm x 127mm)</td>
</tr>
<tr>
<td>Output</td>
<td>2.0 Amperes Continuous @24 VDC 16.0 Amperes Surge For 300 milliseconds</td>
</tr>
<tr>
<td>Inputs (Primary)</td>
<td>120 VAC — 102-132 VAC @1 Amp. 240 VAC — 204-264 VAC @1/2 Amp.</td>
</tr>
</tbody>
</table>
CD Cylinder Dogging

Cylinder dogging option is available to allow push/pull operation of Chexit, when disarmed and used in a heavy traffic area.

For typical electronic applications see pages 14-15.

Glass Bead Kit

Glass bead conversion kits are available for use on doors with raised glass beads. Kit consists of 1/8" (3mm) shim sets.

Dummy Push Bar

The 330 grooved and 350 smooth dummy push bars are designed as a companion unit for all 98 or 99 devices. The touch bar is rigid or non-functioning. A push/pull operation can be accomplished by using 990DT or other pull trim.

Cover Plate Kit — 997 Kit

For rim device, kit contains inside and outside plates for hinge stile, an inside plate for the lock stile, and fasteners. Designed to cover most cutouts, 3-1/4" (83mm) x 9" (229mm).

Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Rim, surface vertical rod, and concealed vertical rod exit devices use rim type cylinders. Mortise lock exit devices and series 370 controls use mortise type cylinders.
Applications and Wiring

Legend: +24 = 24 Volt DC; GND = Ground; SC = Signal Common; FA = Fire Alarm (input); DPS = Door Position Switch; EI = External Inhibit (input); CM+ = Communication Line; CM– = Communication Line; NO = Normally Open External Alarm; C = Common External Alarm.

Basic Chexit single door application configuration consists of the Chexit device, power transfer and PS873 power supply. Using this setup, the Chexit will delay egress when armed and act as a normal exit device when turned off.

Chexit Single Door with Options — The Chexit is used as an access control device. The card reader allows access. Also shown in this application is an external horn and door position switch. The auxiliary horn is used for increased volume in remote locations. Using a door position switch gives added security to the opening in case the door is not reclosed.

With the Chexit disarmed, the opening functions as a normal exit device. If card readers are required on both sides of the door, the normally closed contacts of the readers should be wired in series.
Basic Chexit Double Door application. When one Chexit is set into alarm, the other will also go into alarm. In an emergency situation both doors will disarm simultaneously.

Double Door Chexit with Options shows the proper wiring for double door. The card reader will unlock both doors upon authorized access. For proper operation the rearm times are set two seconds apart.
**Finishes**

<table>
<thead>
<tr>
<th>Color</th>
<th>US Number</th>
<th>BHMA Number</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass, Polished</td>
<td>US3</td>
<td>605</td>
<td>Brass</td>
<td>Plated</td>
<td>Brass</td>
<td>Buffed Anodized</td>
<td>Brass</td>
</tr>
<tr>
<td>Brass, Satin</td>
<td>US4</td>
<td>606</td>
<td>Brass</td>
<td>Plated</td>
<td>Brass</td>
<td>Anodized</td>
<td>Brass</td>
</tr>
<tr>
<td>Bronze, Satin</td>
<td>US10</td>
<td>612</td>
<td>Bronze</td>
<td>Anodized</td>
<td>Bronze</td>
<td>Anodized</td>
<td>Bronze</td>
</tr>
<tr>
<td>Chrome, Polished</td>
<td>US26</td>
<td>625</td>
<td>Stainless Steel</td>
<td>Plated</td>
<td>Stainless Steel</td>
<td>Buffed Anodized</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Chrome, Satin</td>
<td>US26D</td>
<td>626</td>
<td>Stainless Steel</td>
<td>Plated</td>
<td>Stainless Steel</td>
<td>Anodized</td>
<td>Plated</td>
</tr>
<tr>
<td>Aluminum, Anodized</td>
<td>US28</td>
<td>628</td>
<td>Painted</td>
<td>Painted</td>
<td>Stainless Steel</td>
<td>Anodized</td>
<td>Painted</td>
</tr>
<tr>
<td>Stainless Steel, Satin</td>
<td>US32D</td>
<td>630</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td>Anodized</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Duranodic Dark Bronze</td>
<td>313AN</td>
<td>—</td>
<td>Painted</td>
<td>Painted</td>
<td>Walnut Grain Vinyl</td>
<td>Anodized</td>
<td>Painted</td>
</tr>
</tbody>
</table>

Push Pad Options — Black Vinyl, Brass, Bronze or Stainless Steel.

▲ Finish available on Series 98, only.

**Fire Label Rating/Applications**

<table>
<thead>
<tr>
<th>Device UL Listing</th>
<th>Single Door</th>
<th>Double Door</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4&quot; x 8&quot;</td>
<td>4&quot; x 8&quot;</td>
</tr>
<tr>
<td></td>
<td>(1219mm x 2438mm)</td>
<td>(1219mm x 2438mm)</td>
</tr>
<tr>
<td></td>
<td>With 9954 Mullion</td>
<td>Without Mullion</td>
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<tr>
<td></td>
<td>Same Direction</td>
<td>Vert./Vert./Vert./Vert.</td>
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<tr>
<td></td>
<td>4&quot; x 8&quot;</td>
<td>8&quot; x 8&quot;</td>
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<tr>
<td></td>
<td>(1219mm x 2438mm)</td>
<td>(2438mm x 2438mm)</td>
</tr>
<tr>
<td>C986-F/C999-F</td>
<td>A Label</td>
<td>X</td>
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<tr>
<td>C9875-F/C9975-F</td>
<td>A Label</td>
<td>X</td>
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<tr>
<td>C9847-F/C9947-F</td>
<td>A Label+</td>
<td>—</td>
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<tr>
<td>C9847WDC-F/C9947WDC-F</td>
<td>B Label+</td>
<td>—</td>
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</tbody>
</table>

▲ Special latches available for up to 10’0” (3048mm).
| Approved for up to 9’3” (2819mm) |

**Handing of Doors**

- **Left Hand Orientation**
  - LHR (Left hand reverse)
  - (Outside)
- **Right Hand Orientation**
  - RHR (Right hand reverse)

**Electrical Specifications**

Voltage — 24 VDC
Current — 0.4 Ampere with 300 millisecond 16 Ampere in-rush on arming
External Alarm Contact Rating — 24 VDC, 1 Ampere
Fire Alarm Input, External Inhibit Input, Door Position Input — setup for Normally Closed contacts.
VON DUPRIN.
Additional Information

Typical Specification

Basic System Design
Each Chexit controlled exit device is an emergency exit system consisting of a door or pair of doors equipped with Von Duprin CX99 exit device(s). The system has three modes of operation command:
- Emergency Safe Exit Mode
- Secure Mode with Alarm and Conditional Release
- Authorized Exit Mode

Emergency Safe Exit Mode
Whenever the safety detector (smoke, fire, water flow, etc.) signals that an emergency condition is present to the Chexit, the device will unlock instantaneously, sound the horn and flash the lamp rapidly. The door(s) may be opened immediately in the usual manner by depressing the push pad. After authorized personnel reset the life safety detector system, the Chexit may be reset by actuation of the key cylinder located on the device. This will clear the alarm state and rearm the Chexit.

In the event of a power loss, the electronics become completely inactive, allowing the Chexit to operate as a normal exit device providing a means of egress from the building.

Secure Mode with Alarm & Conditional Release
The secure mode will operate whenever the doors are latched and the Chexit is activated to the armed state. This is identifiable by the slow flashing of the indicator lamp and the device push pad will appear to be locked. When the exit device on the door(s) is depressed the horn will sound along with a rapid flashing indicator lamp at the device. The push pad will remain in a locked state for the predetermined period of delay of 15 (or 30) seconds. This will allow time to intercept an unauthorized person who may be trying to exit. After the delay period, the push pad will retract the latchbolt permitting egress from the area. The horn sounding and rapid flashing light will continue until the Chexit is reset by authorized personnel at the key cylinder on the device.

Authorized Exit Mode
For authorized exit while the Chexit is armed, the door(s) may be released for a period of time, from 2 to 28 seconds without activating the alarm by turning key cylinder in counter clockwise or off position and resetting in clockwise position; system can remain disarmed in counter clockwise position. This mode is actuated by the key cylinder or an external access control input which allows the Chexit to operate as a normal exit device.

How-To-Order Information
1. Product description number.
2. Size 4’ (1219mm) — for door sizes 3’4” to 4’ (1016mm) to (1219mm).
   Size 3’ (914mm) — for door sizes 2’10” to 3’ (864mm) to (914mm) are shipped standard.
3. Door thickness if other than standard 1-3/4” (45mm).
4. Finish, see page 16.
5. Handing, LHR or RHR. Required on “L” and “CD” function, only. See page 16.
6. “SNB” when using sex bolts.
Chexit™ Concealed Vertical Rod Device

Nomenclature

CD — Cylinder Dogging
E — Electric Trim Control
CX98 — 98 Series
CX99 — 99 Series
None — Rim Device
47 — Concealed Vertical Rod Device
75 — Mortise Lock Device
WDC — Wod Door Concealed
DT — Dummy Trim
EO — Exit Only
K — Knob
L — Lever
NL — Night Latch
NL-OP — Night Latch Cylinder Assembly
TP — Thumbpiece
F — Fire Exit Device
BE — Blank Escutcheon (trim always operable)