

**VON DUPRIN®**

33A/35A  
Series

Exit devices



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### Information and customer care



[us.allegion.com](http://us.allegion.com)



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[Exits\\_TechProdSupport@allegion.com](mailto:Exits_TechProdSupport@allegion.com)



[www.youtube.com/VonDuprinSafety/](http://www.youtube.com/VonDuprinSafety/)

### Ordering



[allegion\\_orders@allegion.com](mailto:allegion_orders@allegion.com)



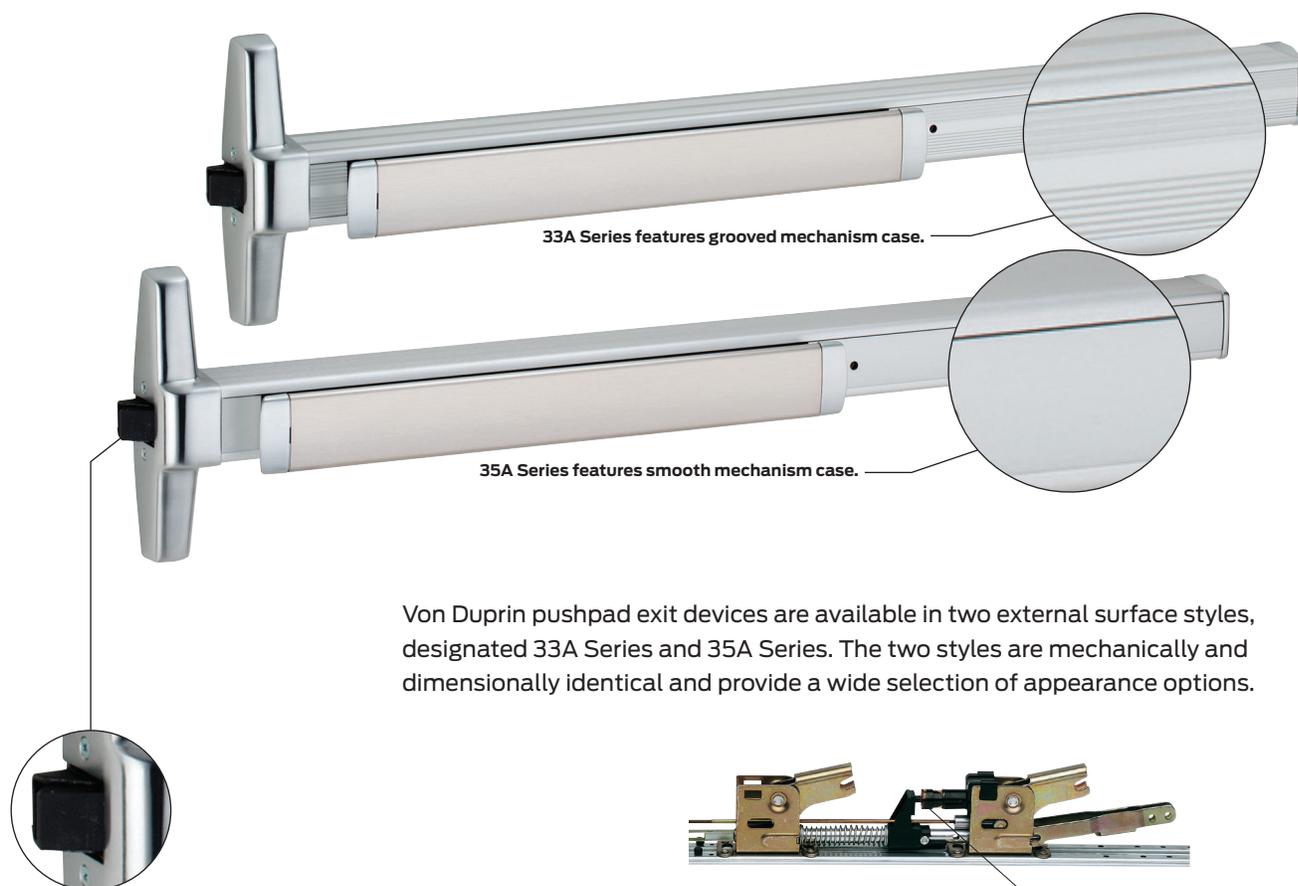
Fax: 1-800-999-0328

## Invest in longevity

Von Duprin® empowers its customers to embrace change by providing flexible solutions that can be modified over time, protecting your investment well into the future.

The 33A/35A Series is a narrow stile push pad device popular for its vast application coverage. With many field configurable and upgradeable solutions available, it's easy to enhance the functionality of an existing device. Mechanical and electronic options include quiet electric latch retraction, delayed and controlled egress, concealed vertical cables and security indicators. It's one way Von Duprin protects its customers' investments long into the future.

Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.



33A Series features grooved mechanism case.

35A Series features smooth mechanism case.

Von Duprin pushpad exit devices are available in two external surface styles, designated 33A Series and 35A Series. The two styles are mechanically and dimensionally identical and provide a wide selection of appearance options.

### Deadlocking latch bolt

Deadlocking latch bolt provides security and improved performance at standard device cost.

### The Quiet One®

A fluid damper decelerates the push pad on its return stroke and eliminates most noise associated with exit device operations. Furnished on all 33A/35A Series exit devices.



## Device types

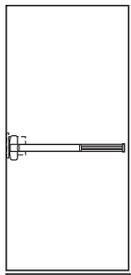
As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 (2014) Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

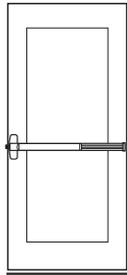
The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost effective.

## Popular applications

### Single door applications

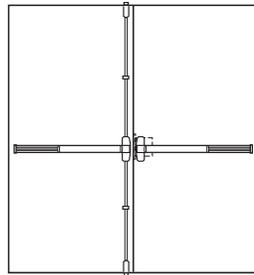


Single mortise lock device

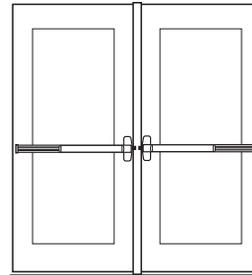


Single rim device

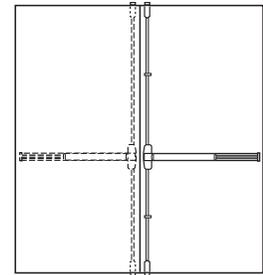
### Double door applications



Mortise lock and surface mounted or concealed vertical cable/rod device combination—same direction



Two rim devices with mullion—same direction

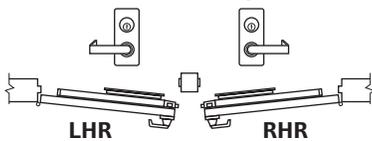


Two vertical rods—double egress  
Two surface/concealed rods or cables

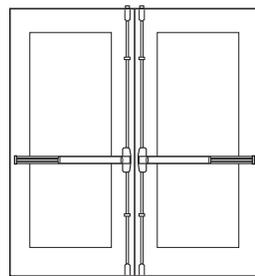
### Door handing

Left hand-reverse orientation

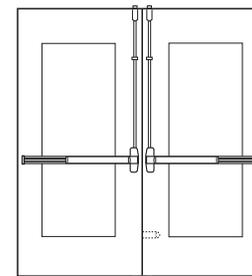
Right hand-reverse orientation



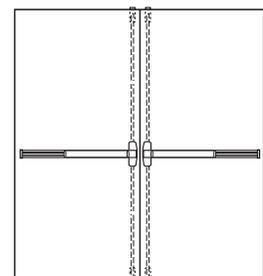
(Left hand-reverse) (Right hand-reverse)  
Outside



Two surface mounted vertical rod devices—same direction\*



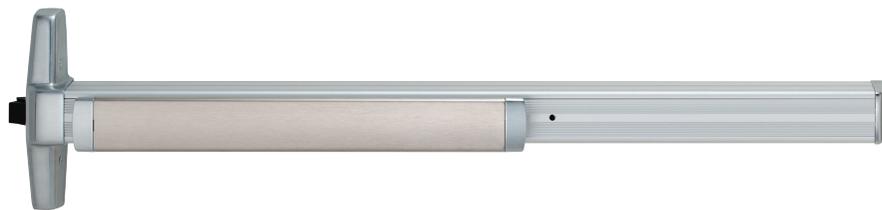
Two fire exit hardware vertical cables/rods with auxiliary fire latch-LBR option\*



Two concealed vertical cables/rods\*

\* Do not use with overlapping astragals

## 33A/35A Rim exit device



**33A and 35A** for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2014 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (signal switch) option is used.

33A/35A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size
	4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm)
	39 11/16" (1008mm) with mullion
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm)
	Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) wood and metal doors
	#425 SNB furnished standard for end case
	#325 SNB furnished standard for EO (exit only device)

### Features and options

#### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	Chexit delayed exit
<b>ESL</b>	Emergency secure lockdown
<b>LX</b>	Latch bolt monitor switch
<b>LX-RX</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-LC, LX-RX-LC</b>	Low current option for RX, LX, LX-RX
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

<b>AX</b>	Accessible device
<b>GBK</b>	Glass bead kit
<b>PN</b>	Pneumatic
<b>QM</b>	Quiet mechanical
<b>SEC</b>	Security screws
<b>SG</b>	Safety glow
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Dogging feature

Hex key dogging standard

#### Dogging options

<b>CD</b>	Cylinder dogging
<b>CDSI</b>	Cylinder dogging with security indicator
<b>HDSI</b>	Hex dogging with security indicator
<b>LD</b>	Less dogging

#### Strikes

**1439** Dull black

#### Optional strikes

### Accessories



**1439 roller**  
Ships standard, optional strikes available



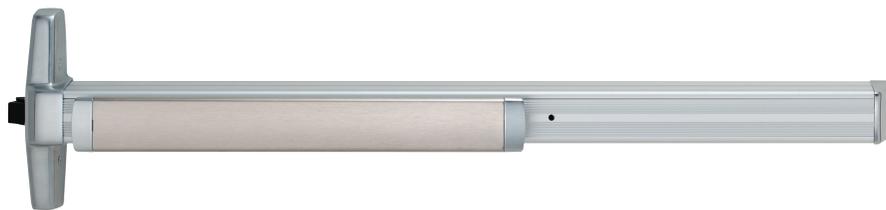
**299 strike**  
Needs to be specified for hollow metal frames



**Hex key dogging**  
Comes standard on 33A/35A rim exit devices

## Device types

### 33A-F/35A-F Rim fire exit device



**33A-F and 35A-F** for all types of single and double fire rated doors with mullion, UL listed for Fire Exit Hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2014 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (signal switch) option is used.

33A/35A fits door stiles as narrow as 1 3/4" (44mm).

#### Specifications

Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size
	4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

#### Accessories



**299F strike**  
Ships standard



**499F strike**  
With 9854/9954 mullion

#### Features and options

##### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	Chexit delayed exit
<b>ESL</b>	Emergency secure lockdown
<b>LX</b>	Latch bolt monitor switch
<b>LX-RX</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-LC, LX-RX-LC</b>	Low current option for RX, LX, LX-RX
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

##### Mechanical options

<b>AX</b>	Accessible device
<b>GBK</b>	Glass bead kit
<b>PN</b>	Pneumatic
<b>QM</b>	Quiet mechanical
<b>SEC</b>	Security screws
<b>SG</b>	Safety glow
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

##### Strikes

<b>299F</b>	Dull black, 499F with mullions
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# 3327A/3527A Surface mounted vertical rod device



**3327A and 3527A** for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3527A has a smooth mechanism case and the 3327A has grooved case. The surface vertical rod device is non-handed except when the SS (signal switch) option is used.

3327A/3527A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	3' 4'	2'4' to 3' (711mm to 914mm) Door size 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion	
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking, 3/4" (19mm) throw	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CX** Chexit delayed exit
- ESL** Emergency Secure Lockdown
- LX** Latch bolt monitor switch
- LX-RX** Request to exit / latch bolt monitoring
- QEL** Quiet electric latch retraction
- RX** Request to exit, WP-RX waterproof option
- RX-LC, LX-LC, LX-RX-LC** Low current option for RX, LX, LX-RX
- SS** Signal switch
- CON** Allegion Connect

#### Mechanical options

- GBK** Glass bead kit
- LBR** Less bottom rod
- PL** Pullman latch
- PN** Pneumatic
- QM** Quiet mechanical
- SG** Safety glow
- SEC** Security screws
- SNB** Sex bolts
- WH** Weep holes

#### Dogging feature

- CD** Cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- LD** Less dogging

#### Strikes

- 266** (Top) Dull black
- 248L-4 and 304L** (Bottom) Unfinished

#### Optional strikes

### Accessories



**266 top strike**  
Ships standard



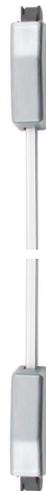
**248L-4 bottom strike**  
For use with threshold



**304L bottom strike**



**Hex key dogging**  
Comes standard on 3327A/3527A exit devices



**Top latch**

**Bottom latch**

## Device types

# 3327A-F/3527A-F Surface mounted vertical rod fire exit device



**3327A-F and 3527A-F** for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3527A-F has a smooth mechanism case and the 3327A-F has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3327A-F/3527A-F fits door stiles as narrow as 2 3/16" (56 mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) Door size
	<b>3'</b> 2'4" to 3' (660mm to 914 mm) door size
	<b>4'</b> 2'8" to 4' (813 mm to 1219 mm) door size
Device centerline from finished floor	39 13/16" (1006mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 5/8" (16mm) throw
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches

### Features and options

#### Electrified options

<b>ALK</b>	Alarm kit
<b>CX</b>	Chexit delayed exit
<b>ESL</b>	Emergency Secure Lockdown
<b>LX</b>	Latch bolt monitoring
<b>LX-RX</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-LC, LX-RX-LC</b>	Low current option for RX, LX, LX-RX
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

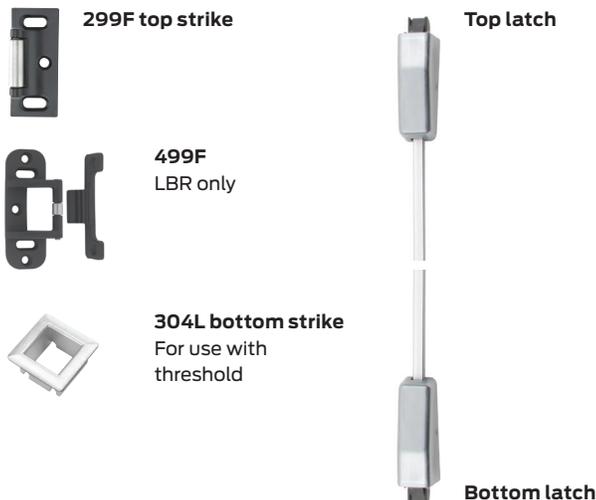
<b>GBK</b>	Glass bead kit
<b>PN</b>	Pneumatic
<b>LBR</b>	Less bottom rod
<b>QM</b>	Quiet mechanical
<b>SG</b>	Safety glow
<b>SEC</b>	Security screws
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Strikes

<b>299F</b>	(Top) Dull black
<b>304L</b>	(Bottom) Unfinished

#### Optional strikes

### Accessories



# 3347A/3547A Concealed vertical rod device



**3347A and 3547A** for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3547A has a smooth mechanism case and the 3347A has grooved case. The concealed vertical rod device is non-handed except when the SS (signal switch) option is used.

3347A/3547A fits door stiles as narrow as 2-1/8" (44 mm), wood door stiles as narrow as 4" (102mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) door size <b>3'</b> 2'4" to 3' (660mm to 914mm) door size <b>4'</b> 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006 mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm)
Top and bottom latch case	3 3/4" x 1 1/2" x 1" (89mm x 38mm x 25mm)
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CX** Chexit delayed exit
- EL** Electric latch retraction
- ESL** Emergency Secure Lockdown
- HD-EL** Electric latch retraction with hex dogging
- LX** Latch bolt monitor switch
- LX-RX** Request to exit / latch bolt monitoring
- QEL** Quiet electric latch retraction
- RX** Request to exit, WP-RX waterproof option
- RX-LC, LX-LC, LX-RX-LC** Low current option for RX, LX, LX-RX
- SS** Signal switch
- CON** Allegion Connect

#### Mechanical options

- GBK** Glass bead kit
- HH** Hurricane
- INS-2/INS-4** Insulclad kits 1/2" / 1/4" panels
- LBR** Less bottom rod
- PL** Pullman latch
- PN** Pneumatic
- SEC** Security screws
- SG** Safety glow
- SNB** Sex bolts
- WH** Weep holes

#### Dogging feature

Hex dogging standard

#### Dogging options

- CD** Cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- LD** Less dogging

#### Strikes

- 338** (Top) Unfinished
- 385A** (Bottom) Unfinished

#### Optional strikes

### Accessories



**338 top strike**



**385A bottom strike**



**283 top strike**  
For use with wood frames



**Hex key dogging**  
Comes standard on 3347A/3547A exit devices



**Top latch**

**Bottom latch**

## Device types

# 3347A-F/3547A-F Concealed vertical rod fire exit device



**3347A-F and 3547A-F** for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3547A-F has a smooth mechanism case and the 3347A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A-F/3547A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b>	2' (610 mm) door size
	<b>3'</b>	2'4" to 3' (660mm to 914mm) door size
	<b>4'</b>	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006 mm) standard; adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw	
Door undercut	1/4" (7mm)	
Top and bottom latch case	3 3/4" x 1 1/2" x 1" (89mm x 38mm x 25mm)	
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	#425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

### Features and options

#### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	Chexit delayed exit
<b>EL</b>	Electric latch retraction
<b>ESL</b>	Emergency Secure Lockdown
<b>HD-EL</b>	Electric latch retraction with hex dogging
<b>LX</b>	Latch bolt monitor switch
<b>LX-RX</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-LC, LX-RX-LC</b>	Low current option for RX, LX, LX-RX
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

<b>GBK</b>	Glass bead kit
<b>HH</b>	Hurricane
<b>LBR</b>	Less bottom rod
<b>PN</b>	Pneumatic
<b>SEC</b>	Security screws
<b>SG</b>	Safety glow
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Strikes

<b>338</b>	(Top) Unfinished
<b>385A</b>	(Bottom) Unfinished

#### Optional strikes

### Accessories



**338 top strike**



**Top latch**



**385A bottom strike**



**Bottom latch**

# 3348A/3548A Concealed vertical rod device



**3348A and 3548A** for hollow metal single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3548A has a smooth mechanism case and the 3348A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3348A/3548A fits door stiles as narrow as 2 1/8" (44 mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	2' 2' (610 mm) door size 3' 2'4' to 3' (660mm to 914mm) door size 4' 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) Standard, adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 3/4" (19mm) throw Deadlocking anti-friction top and bottom bolt 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom latch case	4 1/2" x 2 7/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CX** Chexit delayed exit
- EL** Electric latch retraction
- ESL** Emergency Secure Lockdown
- HD-EL** Electric latch retraction with hex dogging
- LX** Latch bolt monitor switch
- LX-RX** Request to exit / latch bolt monitoring
- QEL** Quiet electric latch retraction
- RX** Request to exit, WP-RX waterproof option
- RX-LC, LX-LC, LX-RX-LC** Low current option for RX, LX, LX-RX
- SS** Signal switch
- CON** Allegion Connect

#### Mechanical options

- GBK** Glass bead kit
- PN** Pneumatic
- SEC** Security screws
- SG** Safety glow
- SNB** Sex bolts
- WH** Weep holes

### Accessories



**338 top strike**



**385A bottom strike**



**Hex key dogging**  
Comes standard on 3348A/3548A rim exit devices



**Top latch**

**Bottom latch**

#### Dogging feature

Hex key dogging standard

#### Dogging options

- CD** Cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- LD** Less dogging

#### Strikes

- 338** (Top) Unfinished
- 385A** (Bottom) Unfinished

#### Optional strikes

## Device types

# 3348A-F/3548A-F Concealed vertical rod fire exit device



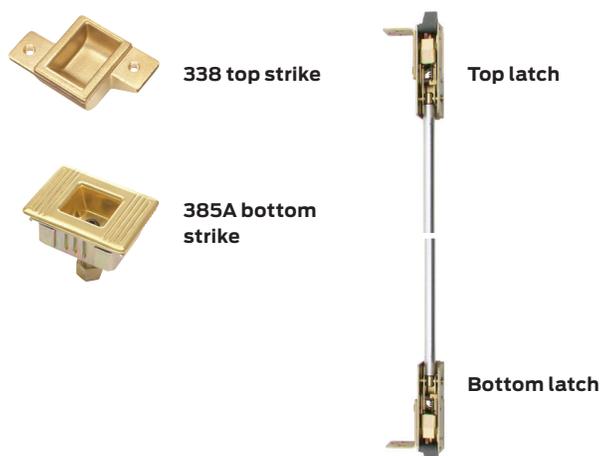
**3348A-F and 3548A-F** for hollow metal single and double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3548A-F has a smooth mechanism case and the 3348A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3348A-F/3548A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) door size <b>3'</b> 2'4" to 3' (660mm to 914mm) door size <b>4'</b> 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) Standard, adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 3/4" (19mm) throw Deadlocking anti-friction top and bottom bolt 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom latch case	4 1/4" x 1 1/2" x 1 1/8" (108mm x 38mm x 29mm)
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Accessories



### Features and options

#### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	CheXit delayed exit
<b>EL</b>	Electric latch retraction
<b>ESL</b>	Emergency Secure Lockdown
<b>HD-EL</b>	Electric latch retraction with hex dogging
<b>LX</b>	Latch bolt monitor switch
<b>LX-RX</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-LC, LX-RX-LC</b>	Low current option for RX, LX, LX-RX
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

<b>GBK</b>	Glass bead kit
<b>PN</b>	Pneumatic
<b>SG</b>	Safety glow
<b>SEC</b>	Security screws
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Strikes

<b>338</b>	(Top) Unfinished
<b>385A</b>	(Bottom) Unfinished

#### Optional strikes

# 3349A/3549A Concealed vertical cable device



**3349A and 3549A** for hollow metal single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 (LBL option 2014) Grade 1. The 3549A has a smooth mechanism case and the 3349A has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3349A/3549A fits door stiles as narrow as 2 1/8" (44 mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) door size
	<b>3'</b> 2'4" to 3' (660mm to 914mm) door size
	<b>4'</b> 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 1/2" (13mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) diameter stainless steel cables
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CX** Chexit delayed exit
- EL** Electric latch retraction
- ESL** Emergency Secure Lockdown
- HD-EL** Electric latch retraction with hex dogging
- LX\*** Latch bolt monitor switch
- LX-RX\*** Request to exit / latch bolt monitoring
- QEL** Quiet electric latch retraction
- RX** Request to exit, WP-RX waterproof option
- RX-LC, LX-LC, LX-RX-LC\*** Low current option for RX, LX, LX-RX
- SS** Signal switch
- CON** Allegion Connect

#### Mechanical options

- AX** Accessible device
- GBK** Glass bead kit
- HH** Hurricane
- INS-2/INS-4** Insulclad kits 1/2" / 1/4" panels
- LBL** Less bottom latch
- PL** Pullman latch
- PN** Pneumatic
- SEC** Security screws
- SG** Safety glow
- SNB** Sex bolts
- WH** Weep holes

#### Dogging feature

Hex key dogging standard

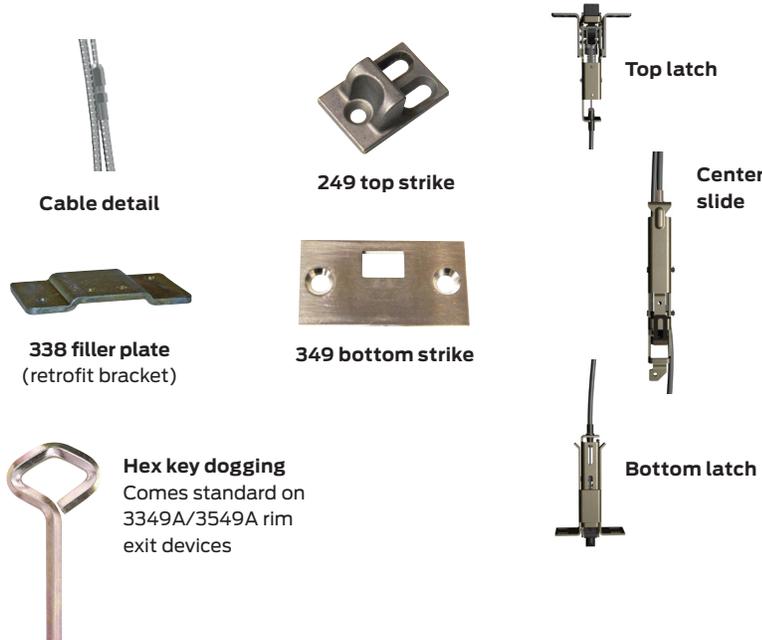
#### Dogging options

- CD** Cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- LD** Less dogging

#### Strikes

- 249** Top
- 349** Bottom

### Accessories



\* For 33/3549A devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

## Device types

# 3349A-F/3549A-F Concealed vertical cable fire exit device



**3349A-F and 3549A-F** for hollow metal single and double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 (LBL option 2014) Grade 1. The 3549A-F has a smooth mechanism case and the 3349A-F has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3349A-F/3529A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) door size
	<b>3'</b> 2'4" to 3' (660mm to 914mm) door size
	<b>4'</b> 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) standard
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 1/2" (13mm) throw
Door undercut	3/4" (19mm) maximum – 24231516 spacer block kit needed for 3/4" (19mm) undercut
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) diameter stainless steel cables
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Features and options

#### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	Chexit delayed exit
<b>EL</b>	Electric latch retraction
<b>ESL</b>	Emergency Secure Lockdown
<b>HD-EL</b>	Electric latch retraction with hex dogging
<b>LX*</b>	Latch bolt monitor switch
<b>LX-RX*</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC, LX-RX, LX-LC, LX-RX-LC*</b>	Low current option for RX, LX, LX-LC, LX-RX-LC*
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

<b>AX</b>	Accessible device
<b>GBK</b>	Glass bead kit
<b>HH</b>	Hurricane
<b>LBL</b>	Less bottom latch
<b>PN</b>	Pneumatic
<b>SEC</b>	Security screws
<b>SG</b>	Safety glow
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Strikes

<b>249</b>	Top
<b>349</b>	Bottom

\* For 33/3549A devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

### Accessories



Cable detail



249 top strike



Top latch



Center slide



338 filler plate (retrofit bracket)



349 bottom strike



Bottom latch

# 3350AWDC/3550AWDC Wood door concealed vertical cable device



**3350AWDC and 3550AWDC** for use on single and double wood doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3549A has a smooth mechanism case and the 3350AWDC has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3350AWDC/3550AWDC fits minimum 4" door stile width (101.6 mm).

**Scalp Plate** – Device is furnished standard with an 15" (381 mm) long scalp plate for easy access to cables.

### Specifications

Device lengths	<b>2'</b> 2' (610 mm) door size
	<b>3'</b> 2'4" to 3' (660mm to 914mm) door size
	<b>4'</b> 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 1/2" (13mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) diameter stainless steel cables
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

### Accessories



**338 filler plate**  
(retrofit bracket)



**150 top strike**



**Top latch**



**Hex key dogging**  
Comes standard on 3350AWDC/3550AWDC exit devices



**450 bottom strike**



**Center slide**



**Bottom latch**

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CX** Chexit delayed exit
- EL** Electric latch retraction
- ESL** Emergency Secure Lockdown
- HD-EL** Electric latch retraction with hex dogging
- LX\*** Latch bolt monitor switch
- LX-RX\*** Request to exit / latch bolt monitoring
- QEL** Quiet electric latch retraction
- RX** Request to exit, WP-RX waterproof option
- RX-LC, LX-LC, LX-RX-LC\*** Low current option for RX, LX, LX-RX
- SS** Signal switch
- CON** Allegion Connect

#### Mechanical options

- GBK** Glass bead kit
- INS-2/INS-4** Insulclad kits 1/2" / 1/4" panels
- LBL** Less bottom latch
- PL** Pullman latch
- PN** Pneumatic
- SEC** Security screws
- SG** Safety glow
- SNB** Sex bolts
- WH** Weep holes

#### Dogging feature

Hex key dogging standard

#### Dogging options

- CD** Cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- LD** Less dogging

#### Strikes

- 150** Top
- 450** Bottom

\* For 33/3550AWDC devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

Introduction  
How to order  
Device types  
Trim options  
Mechanical options  
Electrified options  
Accessories  
Additional information

## Device types

# 3350AWDC-F/3550AWDC-F Concealed vertical cable fire exit device



**3350AWDC-F and 3550AWDC-F** for use on single and double wood doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catalog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3550AWDC-F has a smooth mechanism case and the 3350AWDC-F has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3350AWDC-F/3550AWDC-F fits minimum 4" door stile width (101.6 mm).

**Scalp Plate** – Device is furnished standard with an 15" (381 mm) long scalp plate for easy access to cables.

### Specifications

Device lengths	<b>2'</b>	2' (610 mm) door size
	<b>3'</b>	2'4" to 3' (660mm to 914mm) door size
	<b>4'</b>	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm)	
	Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt 1/2" (13mm) throw	
Door undercut	3/4" (19mm) maximum	
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)	
Vertical cables	7/32" (6mm) diameter stainless steel cables	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood doors	
	#425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

### Accessories



**338 filler plate**  
(retrofit bracket)



**150 top strike**



**450 bottom strike**



**Top latch**



**Center slide**



**Bottom latch**

### Features and options

#### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CX</b>	Chexit delayed exit
<b>EL</b>	Electric latch retraction
<b>ESL</b>	Emergency Secure Lockdown
<b>HD-EL</b>	Electric latch retraction with hex dogging
<b>LX*</b>	Latch bolt monitor switch
<b>LX-RX*</b>	Request to exit / latch bolt monitoring
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit, WP-RX waterproof option
<b>RX-LC,</b>	Low current option for RX, LX, LX-RX
<b>LX-LC,</b>	
<b>LX-RX-LC*</b>	
<b>SS</b>	Signal switch
<b>CON</b>	Allegion Connect

#### Mechanical options

<b>GBK</b>	Glass bead kit
<b>LBL</b>	Less bottom latch
<b>PN</b>	Pneumatic
<b>SEC</b>	Security screws
<b>SG</b>	Safety glow
<b>SNB</b>	Sex bolts
<b>WH</b>	Weep holes

#### Strikes

<b>150</b>	Top
<b>450</b>	Bottom

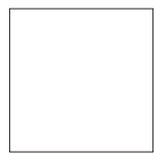
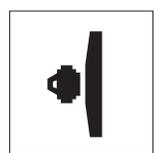
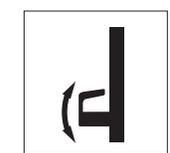
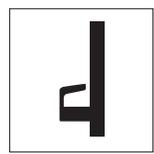
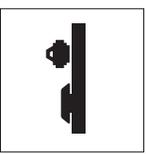
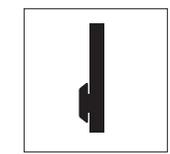
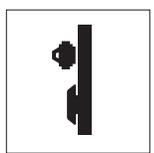
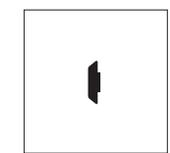
\* For 33/3550AWDC devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

## Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 33A/35A Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, latches, thumbpiece and thumbturn designs.

	<p><b>EO No outside trim</b></p> <ul style="list-style-type: none"> <li>Exit only</li> </ul>		<p><b>DT Dummy trim</b></p> <ul style="list-style-type: none"> <li>Pull when dogged (not recommended for fire device)</li> </ul>		<p><b>NL Night latch</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt</li> <li>Rim cylinder</li> </ul>
	<p><b>NLOP Night latch</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt, optional pull required</li> </ul>		<p><b>LK Lever Knob</b></p> <ul style="list-style-type: none"> <li>Key locks and unlocks</li> <li>Rim and 1-1/4" mortise cylinder</li> <li>Handed, reversible lever</li> <li>Electrified lever operation available</li> </ul>		<p><b>LBE Lever, blank escutcheon</b> <b>KBE Knob, blank escutcheon</b></p> <ul style="list-style-type: none"> <li>Always operable (no cylinder)</li> </ul>
	<p><b>NLOP Night latch, operational pull</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt, pull required</li> </ul>		<p><b>TP Thumbpiece</b></p> <ul style="list-style-type: none"> <li>Key locks and unlocks</li> <li>1-1/4" mortise cylinder</li> </ul>		<p><b>TLBE Turn lever, blank escutcheon</b></p> <ul style="list-style-type: none"> <li>Blank escutcheon always operable (no cylinder)</li> </ul>
	<p><b>TL Turn lever</b></p> <ul style="list-style-type: none"> <li>Key locks and unlocks (use with DT trim)</li> <li>1-1/4" mortise cylinder</li> </ul>		<p><b>TPBE Thumbpiece, blank escutcheon</b></p> <ul style="list-style-type: none"> <li>Blank escutcheon always operable (no cylinder, use with DT trim)</li> </ul>		<p><b>TLOP Turn lever, optional pull</b></p>

## Trim options

### No trim, 386 and 388 trim



Trim description	No trim	386 trim	386NL	388 trim
Nomenclature	EO	386DT	386NL	388
Trim function	No outside trim	Dummy trim	Night latch	Night latch
Function description	Exit only	Pull when dogged	Key retracts latch bolt	Key retracts latch bolt optional pull required
ANSI function	01	02	03	03
<b>Device compatibility</b>				
33/35A rim	■	■	■	■
33/35 A Rim-F	■		■	■
33/3527A	■	■	■	■
33/3527A-F	■		■	■
33/3547A	■	■	■	■
33/3547A-F	■		■	■
33/3548A	■	■	■	■
33/3548A-F	■		■	■
33/3549A	■	■		
33/3549A-F	■			
33/3550A	■	■		
33/3550A-F	■			
<b>Handing</b>				
	—	—	Handed	—
<b>Cylinder type</b>				
Rim or vertical device	—	—	Rim	Rim
Mortise lock device	—	—	—	—

**Trim options**

360 trim



<b>Trim description</b>				
Nomenclature	360L	360L-BE	360T	360T-BE
Trim function	Lever	Lever blank escutcheon	Thumbturn	Thumbturn
Function description	Key locks and unlocks	Always operable (no cylinder)	Key locks and unlocks	Always operable, no cylinder
ANSI function	08 or 09 field selectable*	—	11 or 12 field selectable*	—
<b>Device compatibility</b>				
33/35A rim	■	■	■	■
33/35 A Rim-F	■	■	■	■
33/3527A	■	■	■	■
33/3527A-F	■	■	■	■
33/3547A	■	■	■	■
33/3547A-F	■	■	■	■
33/3548A	■	■	■	■
33/3548A-F	■	■	■	■
33/3549A		■	■	■
33/3549A-F		■	■	■
33/3550A		■	■	■
33/3550A-F		■	■	■
<b>Handing</b>				
	Handed/reversible	Handed/reversible	—	—
<b>Cylinder type</b>				
Rim or vertical device	—	—	—	—
Mortise lock device	1 1/4" mortise	—	1 1/4" mortise	—

\* Field- selectable by inverting or un-inverting cam.

## Trim options

### 374 x 386 trim



#### Trim description

Nomenclature	374T x 386DT	374T-BE x 386
Trim function	Thumbturn	Thumbturn-blank
Function description	Key locks and unlocks	Escutcheon always operable (no cylinder)
ANSI function	11-12 field selectable*	—

#### Device compatibility

33/35A rim		
33/35 A Rim-F		
33/3527A	■	■
33/3527A-F	■	■
33/3547A	■	■
33/3547A-F	■	■
33/3548A	■	■
33/3548A-F	■	■
33/3549A		
33/3549A-F		
33/3550A		
33/3550A-F		

#### Handing

	—	—
--	---	---

#### Cylinder type

Rim or vertical device	—	—
Mortise lock device	1 1/4" mortise	—

\* Field- selectable by inverting or un-inverting cam.

**Trim options**

Optional trim



Trim description	360 trim				
Nomenclature	360L-DT	360T x 550DT	360T x Ives 8190 10 "	360T-BE x 550DT	360T-BE x 8190 10 "
Trim function	Lever	Thumbturn	Night latch	Thumbturn-blank	Thumbturn-blank
Function description	Pull when dogged	Key locks and unlocks	Key retracts latch bolt	Escutcheon always operable (no cylinder)	Escutcheon always operable (no cylinder)
ANSI function	02	11 or 12 field selectable*	11 or 12 field selectable*	—	—
<b>Device compatibility</b>					
33/35A rim	■			■	■
33/35 A Rim-F				■	■
33/3527A	■	■	■	■	■
33/3527A-F		■	■	■	■
33/3547A	■	■	■	■	■
33/3547A-F		■	■	■	■
33/3548A	■	■	■	■	■
33/3548A-F		■	■	■	■
33/3549A	■			■	■
33/3549A-F				■	■
33/3550A	■			■	■
33/3550A-F				■	■
<b>Handing</b>					
	Handed/reversible	—	—	—	—
<b>Cylinder type</b>					
Rim or vertical device	—	—	—	—	—
Mortise lock device	—	1 1/4" mortise	1 1/4" mortise	—	—

\* Field- selectable by inverting or un-inverting cam.

## Trim options

### Optional trim



Trim description	374/376 x 8190 10" trim		388 trim	388 x Ives trim	392 trim
Nomenclature	374T/376T x 8190 10"	374T-BE/376T-BE x 8190 10"	388 x 550DT	388 x IVES 8190 10"	392-6
Trim function	Thumbturn	Thumbturn-blank	Night latch	Night latch	Offset pull
Function description	Key locks and unlocks	Escutcheon always operable (no cylinder)	Key retracts latch bolt	Key retracts latch bolt	Pull when dogged
ANSI function	11 or 12 field selectable*	—	03	03	—
<b>Device compatibility</b>					
33/35A rim		■	■		■
33/35 A Rim-F		■	■		■
33/3527A	■	■	■		■
33/3527A-F	■	■	■		■
33/3547A	■	■	■	■	■
33/3547A-F	■	■	■	■	■
33/3548A	■	■	■	■	■
33/3548A-F	■	■	■	■	■
33/3549A		■			■
33/3549A-F		■			■
33/3550A		■			■
33/3550A-F		■			■
<b>Handing</b>					
	—	—	—	—	—
<b>Cylinder type</b>					
Rim or vertical device	—	—	Rim	Rim	—
Mortise lock device	1 1/4" mortise	—	—	—	—

\* Field- selectable by inverting or un-inverting cam.

## Trim options

# Dimensions

Trim style	Base width	Base height	Projection	Grip width	Grip height
386/386DT	1 5/8"	7 15/32"	2 7/16"	4 5/16"	8 1/2"
388	1 11/16"	7 15/32"	1"	—	—
360L	1 11/16"	7 1/2"	3"	—	—
360T	1 11/16"	7 1/2"	1 13/16"	—	—
374T	1 11/16"	7 1/2"	—	—	—
376T	1 11/16"	7 1/2"	1 13/16"	—	—
550DT	3 5/8"	11 9/16" (10" center to center)	1 7/8"	—	—
8190 10"	3 1/4"	11"	3 1/4"	—	—
392-6	3 1/2"	7" (6 1/4" center to center)	2 1/4"	—	—

## Mechanical options

### Dogging options

#### Cylinder dogging (CD)

Cylinder dogging is available on all 33A/35A

panic exit devices to replace the standard hex key dogging. Unit requires a standard 1 $\frac{1}{4}$ " (32mm) mortise cylinder with an inverted straight cam. When ordering, reference Schlage cylinder 20-001, 1 $\frac{1}{4}$ ", XQ11-949. This provides the L583-477 cam inverted at the factory.

**To order, specify:** Use prefix, CD, example CD33A-L



#### Cylinder dogging kit (CDK)

For field conversion, a cylinder dogging conversion kit is available. Cannot be added to fire exit hardware.

**To order, specify:** 33ACDK or 35ACDK, specify finish

#### Less dogging (LD)

Less dogging is available in all 33A/35A panic exit devices to remove the dogging option.

**To order, specify:** Use prefix LD, example LD33AL

#### Hex key dogging kit\* (HDK)

For field conversion, from cylinder dogging, conversion kit is available.

**To order, specify:** 33AHDK or 35AHDK, specify finish

\*Cannot be added to fire exit hardware.

#### Dog keys

##### Dog key (old style)



##### Dog key (standard)



### Classroom security/security indicators

Designed for high use and abuse institution environments, such as schools and hospitals, these Von Duprin products are recommended for the following applications.

#### Visual verification

Reduce the time it takes to tour your facility and ensure each door is secure by installing the Von Duprin security indicator to provide at-a-glance visual verification.

#### Lockdown

Lock down high occupancy areas such as auditoriums, cafeterias and gymnasiums, from inside the room with the Von Duprin security indicator that provides positive visual confirmation.

#### Features and benefits

- Lockdown solution that meets fire and life safety codes for free egress
- Modular conversion kits allow you to quickly and easily upgrade your existing devices

#### CDSI/HDSI dogging indicator

- Hex or cylinder dogging options
- Visual indication of whether the exit device is dogged or undogged
- Available for 98/99 and 33A/35A Series panic devices

#### Dogging security indicators (CDSI/HDSI)

The CDSI/HDSI dogging indicator provides an at-a-glance verification of the status of the door from inside of the room. Visible "LOCKED" and "UNLOCKED" indicators show whether the device is undogged or dogged. This feature can be used with hex key (HDSI) or cylinder dogging (CDSI) options on various device types—rim, mortise and vertical systems.



#### To order, specify:

1. Cylinder dogging security indicator: Prefix CDSI
2. Hex dogging security indicator: Prefix HDSI
3. Above options cannot be used with fire-rated devices and are recommended for use in combination with the following trim functions: DT, K-DT, L-DT, EO, NL, K-NL, L-NL, NL-OP

## Environmental options

### Quiet Mechanical (QM)

The QM option controls motion to reduce operational noise. It is available for the 996 trim, as well as 98/99 and 33A/35A rim and surface vertical rod devices.

The QM trim solution provides a damper-controlled lever return. Likewise, the QM rim device option provides damper-controlled re-latching.

#### Features and benefits

- Controlled motion to reduce operational noise
- 996 damper-controlled lever return
- 98/99 and 33/35A damper controlled re-latching
- Available pre-installed from factory or as a retrofit kit
- Compatible with QEL, AX, RX, CD and HD

### Pneumatic (PN) controlled exit devices



The PN feature provides remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The pneumatic solenoid will retract the latch bolt for momentary or prolonged periods. PN exit devices are particularly suited for use with automatic door operators. The PN feature is available on both Panic and fire exit hardware devices.

The PN feature includes a special actuating linkage that gives building owners the option of mechanically or pneumatically dogging the exit device. If manual hex-key dogging is required, specify HD-PN (Dogging the device, whether mechanically or pneumatically, makes the device function as a push/pull unit and reduces the wear on its moving parts.) If cylinder dogging is required, the standard cylinder dogging is not available.

When activated pneumatically, the latch bolt(s) of the exit device retract in 1/2 to 1 1/2 seconds. This pneumatic operation uses air pressure ranging from 50 to 100 pounds per square inch.

This product will function only when it is part of a pneumatic system (air compressor, air lines, pneumatic system, etc.).

Contact LCN for correct control boxes.

#### To order, specify:

- Standard – Use prefix PN, example PN33ANL
- Hex Key Dogging – Use prefix HD-PN, example HD-PN33ANL
- Special Center Case Dogging (handing is required, specify RHR or LHR) – Use prefix SD-PN, example SD-PN33ANL

## Mechanical options

### Weatherized options

#### Weep holes (WH)

WH is available for all 33A/35A Series exit devices. Weep holes are ideal for devices that are mounted to exterior doors that can be exposed to rain and other elements. Hole spacing on 3' and 4' devices are every 6" on center. A 3 foot device will have 5 holes, a 4 foot device will have 7 holes.

**To order, specify:** Suffix WH, 33AEO-WH.

#### Hurricane rated exit devices and mullions

Hurricane resistant openings are designed to withstand storm conditions for long periods of time while maintaining the structural and functional integrity of the opening. The primary purpose is to not only prevent debris and wind from penetrating the assembly but also to maintain functionality after the storm.

#### Hurricane codes and applications

Florida was the first state to develop hurricane codes. As a result, the requirements set by the Florida Building Code (FBC) may be adopted by jurisdictions in other states where hurricane protection is a necessity. The appropriate hurricane solution depends on the specific requirements for the application. Contact your local Allegion consultant for the specific requirements in your state.

#### Hurricane rated devices

##### Wind and Impact

FBC TAS 201, 202, 203  
[Wind and Impact zone (HVHZ) ASTM E1886, ASTM E1996, ASTM E330]

Exterior door assemblies certified for installation within the Florida High Velocity Hurricane Zone (coastal region of the state) are subject to specific tests for both wind speed and flying debris called out in the TAS protocols of the Florida Building Code. Impact, structural, and cyclic tests must be conducted on full assemblies (e.g., exit device and door) as part of the standard.

#### Wind-Only

ANSI-ASTM E330 [Wind-Only (non-impact zone)]

Exterior door assemblies certified for installation in non-impact regions (typically inland regions) are tested for structural integrity in accordance with ASTM E330 for wind-only applications. These doors are subject to a structural test load equal to 1.5 times their actual design pressure rating, and they must remain operable with no breakage of glazing panels.

To order, specify:

1. Use prefix "HH" for wind and impact or "HW" for wind-only. If application is unknown, specify HH device, which will satisfy both applications.
2. Model number and description
3. Door mode: SGL (single) or PR (pair)

**Example:** HH3347A 3' 626 PR

Note: Many hurricane rated devices use standard device components. Devices will be furnished with the proper strikes and components if HH or HW is specified. All HH devices will include through bolts. Pricing will be adjusted accordingly. See Von Duprin price book for details.

## Weatherized options

### Hurricane rated mullions

#### Wind and Impact

- Designed for use with these HH (Wind and Impact) rated devices:
  - HH98/99 (specify devices with 499F strikes)
  - HH98/9957 (specify devices with 499F strikes)
  - HH-XP98/99 (specify devices with 909 or 954 strikes)
  - HH88-F (specify devices with 468 strikes)
- Steel mullion
- Furnished for 8’ doors; cut in field as needed
- No KR or electrified options available
- Furnished blank (no strike prep)
- Mullion tube and fittings are unique from are not interchangeable with 9954

#### Panic and fire-rated applications

- HH9954

#### To order, specify:

1. HH9954 x Finish (689 or 695)

### Wind-Only

- Designed for use with HW (Wind-Only) rated devices
- Identical to standard mullions, except for hurricane rated bottom fitting mounting hardware

#### Panic applications

- Steel - 1654, 4954, 4954-XP
- Aluminum - 5654, 5654-XP, 5754

#### Fire-rated applications

- 9954, 9954-XP

#### To order, specify:

1. Use KR if keyed removable option is desired (steel mullions)
2. HW
3. Model number
4. Height of opening
5. Finish
6. Strikes, when required, should be ordered with device

Example: KR-HW9954 7' 689

Application	Model	Single door	Double door	
		Standard strike	Mullion	Standard strike
HH (Wind and Impact Rated) All impact rated devices require mounting with through bolts. Through bolts are furnished standard with all 33/35 series devices.	HH3347A/3547A*	Top: 338 Bottom: 304L	—	Top: 338 Bottom: 304L
	3347A-F/3547A-F	—	—	Top: 338 Bottom: 304L
	3349A/3549A	Top: 249 Bottom: 349	—	Top: 249 Bottom: 349
	3349A-F/3549A-F	—	—	Top: 249 Bottom: 349
HW (Wind-Only)	33A/35A	299	4954 or KR4954	299
			1654 or KR1654	1606
			5654	299
			5754	1408
	33A-F/35A-F	299F	9954 or KR9954	499F
	3327A/3527A	Top: 299 Bottom: 304L	—	Top: 299 Bottom: 304L
	3327A-F/3527A-F	—	—	Top: 299F Bottom: 304L
	3347A/3547A	Top: 338 Bottom: 304L	—	Top: 338 Bottom: 304L
	3347A-F/3547A-F	—	—	Top: 338 Bottom: 304L
	3349A/3549A	Top: 249 Bottom: 349	—	Top: 249 Bottom: 349
3349A-F/3549A-F	—	—	Top: 249 Bottom: 349	

\* HH33/3547A is furnished with double latch brackets and requires template #10057.

## Accessibility options

### Accessible device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements. Available devices include: AX33/35A, AX33/35A-F, AX33/3549A LBL, AX33/3549A-F LBL, AX33/3549A-F LBLAFL. Additionally, all AX devices will be shipped with a new UL label clearly stating "Meets California building Code (2013) Sec. 11B-309.4" and an "AX" identifier label on device center case. See images for reference.



## Latches

### Less bottom rod, panic and fire rated (LBR)

LBR option is available, using a spring loaded auxiliary latch bolt installed in the lower door edge. When exposed to heat the auxiliary latch bolt releases, keeping the doors in alignment and closed during a fire. UL listed 3 hours on hollow metal doors double egress, 90 minute swinging same direction, and 20 minutes wood doors (consult wood door manufacturer). Fits door stiles as narrow as 3<sup>5</sup>/<sub>8</sub>".

LBR devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt.

### Pullman latch (PL)

When PL is specified the standard latches are replaced with pullman style latches. Pullman latches are always extended and are most commonly used in conjunction with electric strikes and LBR-less bottom rod application. Not available with Fire rated devices.

Note: Not recommended where security is of the utmost importance since latches do not deadlock.

## Mechanical options

### Push pads

#### Dummy push pad



The 330 dummy pushpad is designed as a companion unit for all 33A devices. The 350 dummy pushpad is a companion unit for all 35A devices. The pushpad is rigid or nonfunctioning. A push/pull operation can be accomplished by using 386DT, 360L-DT, 550DT, 392-6 trim or any lves pull.

The 330/350 can be equipped with a functional pushpad and will accommodate an RX switch. Specify RX-330. May also be equipped with the RX2, double RX switch. Specify RX2-330.

#### To order, specify:

1. 330 or 350
2. Size 3' or 4' (914mm or 1219mm)
3. Finish – 605, 606, 612, 625, 626, 628, 710 and 622/711 (630–350 only)

#### Safety glow (SG)



Self-illuminating touchpad defines the location of the exit door in dark or smoke-filled area. The Safety Glow coating is a special powder coat finish that glows brightly during low or no light conditions. This coating was developed to meet MEA standards where luminescent exit door markings are required in commercial facilities. There are no batteries or electronics, the coating is charged when exposed to light.

**To order, specify:** Suffix SG, EL 33A27A-SG

#### Red silk screen (RSS)



Red silkscreen lettering on touchpad trim. "Emergency Exit Only, Push To Open And Sound Alarm." This comes standard on SS devices.

**To order, specify:** Suffix RSS, 33A27L-RSS RHR

#### Braille, embossed and knurled touchpads



\* Image shown is a special order.

Braille touchpad embossed with the standard message "CAUTION STAIRWELL" in braille and raised letters provides assistance to persons with impaired vision. Letters are 1/2" (13mm) high and braille is #2, raised height is 3/32" (2mm). Other messages are available on special order, limited to 20 characters per line.\*

**To order, specify:** Suffix BR, EL33A27L-BR

Embossed touchpad is embossed with the word "PUSH".

**To order, specify:** Suffix EMB, EL33A27L-EMB

Knurled touchpad is to provide warning to persons with impaired vision.

**To order, specify:** Suffix PBKN, EL33A27L-PBKN

\* Consult factory for availability.

# Latch retraction

## Quiet electric latch retraction (QEL)

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

The QEL has a low inrush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

The -2RS option board is designed to control two electric latch retraction devices and provide time delay between the firing of outputs is required. The power transfer is also sold separately.

**To order, specify:**

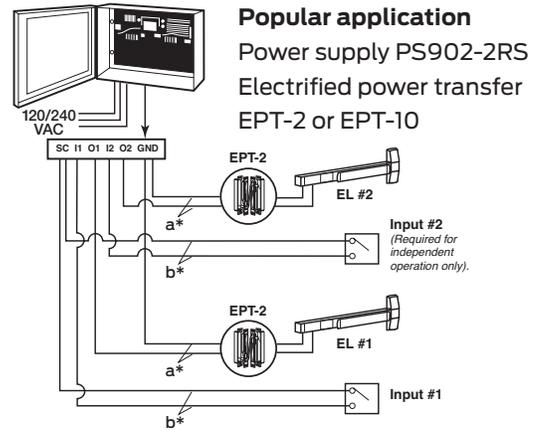
1. Standard — use prefix QEL, example QEL33A-L

**QEL Electrical load**

Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding / 2.0 A Calibrate (3 sec. one time)

**Minimum door opening widths**

Application	Surface vertical	Concealed vertical	Rim
Min. door opening	28 1/4"	28 1/4"	29 1/4"



a*	Distance (one-way)	Wire gauge
	200'	18 AWG
	320'	16 AWG
	500'	14 AWG
	800'	12 AWG

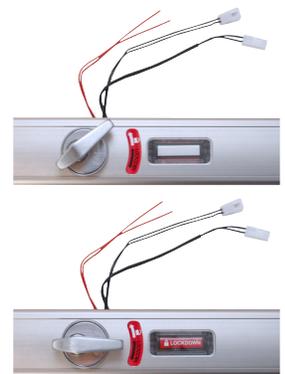
  

b*	Wire selection	Switch wire size
	1200 ft. Max.	18 gauge standard

**Emergency secure lockdown (ESL)**

The emergency secure lockdown (ESL) option is ideal for high-occupancy spaces, such as auditorium-style classrooms with access control

Occupants can turn the thumb turn (or cylinder key) of the ESL option installed, interrupting the power to the QEL motor, and electronically undogging to secure pull side of the door as well as sends a signal to the access control system. The visual indication assures the occupant the exit device has been put into secure lockdown mode.



**To order, specify:**

1. Suffix: ESL Emergency secure lockdown.
2. Specify device type and length with the ESL option.
3. Specify handing and finish.

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## Electrified options

# Delayed egress

### The Chexit® (CX) (with motor driven blocking actuator)\*



The Von Duprin Chexit device is designed for controlled egress applications. It meets both life safety and security needs, as well as the requirements of NFPA 101 for "Special Locking Arrangement" and IBC "Special Egress-Control Devices." All control inputs, auxiliary locking, local alarm and remote signaling outputs are self-contained in the Chexit assembly. Numerous configurable options allow the device to be customized for the specific code or application requirements. The standard Chexit device sounds an alarm and keeps the door secured for 15 seconds following an exit attempt with immediate release upon fire.

The Chexit device includes a 6" x 20" decal for application on door. "PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS"

#### Chexit typical applications

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.

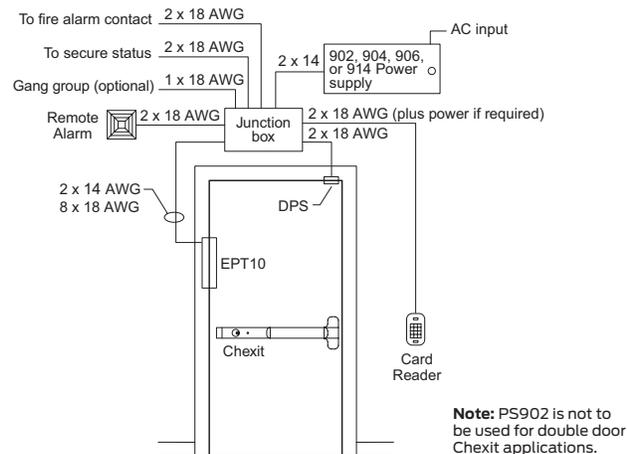


Figure 1. Riser diagram, single door

### Minimum door opening sizes for CX devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX33A/35A	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX3327A/3327A-F/3527A/3527A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3347A/3347A-F/3547A/3547A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3348A/3348A-F/3548A/3548A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3349A/3349A-F/3549A/3549A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3350/3350WDC-F/ 3550/3550WDC-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)

### Specifications / Power supply requirements<sup>1</sup>

Input voltage – 24VDC

Input current inrush – 1.25A

Input current holding – 390mA

Alarm relay and Secure relay contact ratings – 24VDC, 1A

Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

### Power supply information for CX devices with motor driven blocking actuator<sup>1</sup>

Power supply	Maximum number of devices
PS902 (up to 2 amps)	1 Chexit device
PS904 (up to 4 amps)	3 Chexit devices
PS906 (up to 6 amps)	4 Chexit devices
PS914 (up to 4 amps)	4 Chexit devices

Note: When powering multiple components, verify that the amperage requirements of all components combined does not exceed the power supply output rating, see table above for output ratings. Consult Installation Instructions for proper wire gauge and wire run requirements. Exceeding the recommended devices and/or not following Installation Instructions may void your warranty. Call Customer Care at 877-671-7011 or visit the Allegion website for more information - [www.us.allegion.com](http://www.us.allegion.com).

### To order, specify:

1. Prefix product description number "CX"  
Example: CX33A-L
2. Specify option (see options on page 4);  
example: CX-RCM
3. Door size other than 3' (914mm)
4. Door thickness other than 1 3/4" (45mm)
5. Finish

1. Chexit devices built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

## Electrified options

# Delayed egress

### Chexit, RCM and DE5300 features

The Chexit, remote chexit module (RCM) or DE5300 devices have several features and options available to fit your applications. See below for more information.

### Inputs and outputs

#### Fire alarm input

This input releases the door immediately upon a fire alarm allowing immediate egress. The internal alarm can be silenced during a fire input via an onboard switch setting.

#### Inhibit input (access control)

This optional input is provided to allow authorized egress or entry when the device is armed using an external card reader, key switch, etc. It also allows remote reset of the Chexit, RCM or DE5300 in an alarmed condition. The ability to reset alarms with the inhibit input can be disabled via an onboard switch setting.

#### Door position switch input

An optional door position switch (DPS) can provide door position status to Chexit, RCM or DE5300 for additional security, ensuring that the door is closed, and can cause alarm when the door is left or forced open.

#### Gang bus

The gang bus allows a Chexit, RCM or DE5300 device to signal other Chexit, RCM or DE5300 devices when it enters the release delay, allowing multiple doors to release at the same time in an emergency. Up to 8 devices may be connected to the gang bus.

#### Alarm relay contacts

The alarm relay contacts are provided as a means to control a remote alarm, such as a horn or lamp, or signal an external monitor. The contacts can be configured with a jumper as normally open or normally closed, and become active upon entering an alarmed condition.

### Secure relay contacts

The secure relay contacts are provided as a means to signal an external monitor. The contacts can be configured as normally open or normally closed with a jumper, and become active when the dps indicates the door is closed and the push pad is locked.

### Delays

#### Release delay

When the push pad is pushed and the nuisance delay expires, the Chexit, RCM or DE5300 enters the release delay with alarm. During the release delay, the internal alarm sounds, the alarm relay activates, and the Chexit/RCM keeps the push pad or DE5300 magnetic lock, locked for 15 seconds (less any time already elapsed during the nuisance delay). Once started, the release delay sequence will not stop and the devices will unlock.

#### Nuisance delay

When a Chexit, RCM or DE5300 is located in a public area, it can be desirable to limit false releases when the push pad is accidentally pushed. The nuisance delay is the brief time a push pad can be accidentally pushed before the release delay sequence starts. If the nuisance time is set to 0 seconds the Chexit, RCM or DE5300 will enter release delay as soon as the push pad is pushed (when armed). Setting the nuisance time to 1, 2, or 3 seconds allows the push pad to be pressed for 1 to 3 seconds before the Chexit, RCM or DE5300 goes into release delay. If the nuisance audio and nuisance delay are both on, the internal alarm will pulse during the nuisance delay. The alarm relay does not activate during the nuisance delay. If the push pad is released before the nuisance delay expires, the Chexit, RCM or DE5300 will remain armed.

## Delayed egress

### Chexit, RCM and DE5300 features (continued)

#### Rearm delay

The rearm delay is the amount of time after the key switch or inhibit input is deactivated to when the device rearms. It is designed to give someone time to pass through the door before rearming occurs. The rearm time can be changed via the onboard switch settings from 0 and 28 seconds in 2 second increments. If the rearm time is set to 30 seconds and a DPS is used, if the door is opened and the rearm time expires, there will be no alarm. The Chexit, RCM or DE5300 will rearm after the door is closed. If the door never opens, the Chexit, RCM or DE5300 will rearm after 30 seconds. If not using a DPS, the Chexit, RCM or DE5300 will always rearm in 30 seconds.

#### DPS delay

If the DPS detects that the door closed during the rearm delay, the Chexit, RCM or DE5300 ends the rearm delay and allows 2 seconds for the latch to clear the strike before rearming.

### Interface

#### Key switch

The Key Switch provides the means to Arm or Disarm/Reset the Chexit, RCM or DE5300. Turning the Key Switch clockwise initiates the Rearm Delay, and turning the Key Switch counter-clockwise Disarms/Resets the Chexit, RCM or DE5300. The Key Switch allows the key to be removed in either the Arm or the Disarm/Reset position.

#### Status indicator

The red Status Indicator displays the status of the Chexit, RCM or DE5300. The Status Indicator flashes slow if the Chexit, RCM or DE5300 is armed, flashes fast in an alarmed mode, is off when inhibited and on solid during Rearm Delay.

#### Internal alarm

The Internal Alarm sounds the status of the Chexit, RCM or DE5300. The Internal Alarm sounds continuously during and after a fire alarm or a Release Delay, pulses fast during the Nuisance Delay or a tamper and pulses slow during Disarmed Powerup mode.

### Settings

#### Armed powerup

When set to OFF, a power disruption and power return will put the Chexit, RCM or DE5300 in a disarmed, unlocked alarm mode.

#### Trim fail safe / fail secure (FS/FSE)

The trim input power can be set to FS (Fail Safe; locked when energized, unlocked when deenergized or during power failure) or FSE (Fail Secure; unlocked when energized, locked when deenergized or during power failure).

The trim must be bought or modified to physically function as FS or FSE. This on board setting only selects the trim input power.

#### Trim operation overview

Rim and vertical application: Trim will not function when Chexit is armed.

Mortise application: Trim will function when Chexit is armed.

#### Chexit requiring pull side operation

	Mechanical trim	Electric Trim
Rim and vertical	Access control disarms Chexit. Rotate lever to enter.	Access control disarms Chexit and unlocks electric trim. Rotate lever to enter. <sup>1</sup>

1. Fail Secure Trim recommended. For Fail Safe applications, contact technical support to review application.

## Electrified options

## Delayed egress

### Remote Chexit Module (RCM)

Designed to provide the concept of the Chexit delayed exit system for door sizes smaller than the standard Chexit device can accommodate. The Chexit module is installed in a control box and mounted in a remote location.



RCM Module

Features and functions of the standard Chexit exit device are available on the Remote Chexit Module.

### Minimum door opening sizes for RCM devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX-RCM333A/35A	2'5" (737mm)	2'11" (889mm)
CX-RCM3327A/3327A-F /3527A/3527A-F	2'4 1/2" (724mm)	2'10 1/2" (876mm)
CX-RCM3347A/3347A-F /3547A/3547A-F	2'4 1/2" (724mm)	2'10 1/2" (876mm)
CX-RCM3348A/3348A-F /3548A/3548A-F	2'4 1/2" (724mm)	2'10 1/2" (876mm)
CX-RCM3349A/3349A-F /3549A/3549A-F	2'4 1/2" (724mm)	2'10 1/2" (876mm)
CX3350/3350WDC-F/ 3550/3550WDC-F	2'4 1/2" (724mm)	2'10 1/2" (876mm)

### Specifications / Power supply requirements\*

Size – 3.75" x 5.57" x 2.50"

Input voltage – 24VDC

Input current inrush – 1.25A

Input current holding – 390mA

Alarm relay and Secure relay contact ratings – 24VDC, 1A

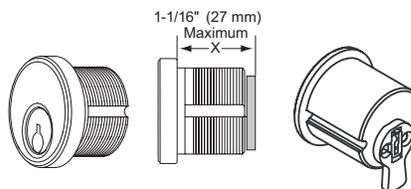
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

\* RCM modules built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements.

Note: The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

### Cylinders

Cylinders are not furnished with the Chexit device and must be specified when ordering. Use 1 1/4" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 is recommended.



Note: RCM modules built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

## Delayed egress system

### DE5300 system

Designed for controlled egress applications when used in conjunction with a magnetic lock. It meets both life safety and security needs, as well as the requirements of NFPA for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control units,



DE5300 Module

auxiliary locking, local alarm and remote signaling outputs are self-contained in the DE5300 assembly.

The DE5300 is commonly used on narrow stile doors where a standard or narrow stile Chexit is not practical. DE5300 Delayed Exit System uses a Chexit logic board and a Von Duprin RX-LC (low current request to exit) panic device to control a Schlage Electronics Direct Hold Magnetic Lock.

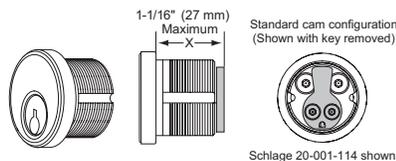
The Chexit module for the DE5300 is installed in a control box and mounted in the wall adjacent to the door. Features and functions of the standard Chexit exit device are available on the DE5300.

The DE5300 device includes a 6" x 20" decal for application on door.

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

### Cylinders

Cylinders are not furnished with the DE5300 and must be specified when ordering. Use 1 1/4" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 is recommended.



### Specifications / Power supply requirements

Size - 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current – 1A
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

### To order, specify:

1. DE5300
2. M420/P, M450/P, or M490/P magnetic lock (order direct from Schlage Electronics)
3. RX-LC 22/33A/35A/98/99 device.
4. PS900 Series
5. EPT-2/10

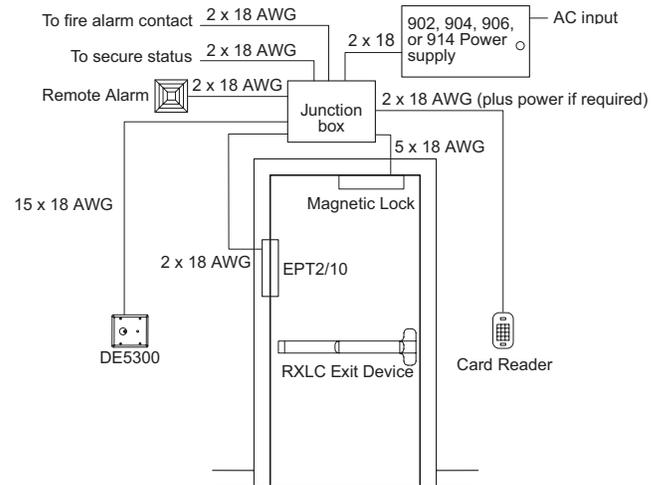


Figure 1. Riser diagram, single door

## Electrified options

### Switches

#### Request to exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the pushpad.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

The RX switch option should not be used to control a load, but as a signalling switch (0.5 amps. resistive maximum). The RX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

#### To order, specify:

1. Standard – use prefix RX, example RX33AEO
2. Low Current – use prefix RX-LC, example RX-LC35AEO

#### Double request to exit (RX2)

The RX2 feature uses two RX switches.

#### To order, specify:

1. Standard – Use prefix RX2, example RX233AEO

#### Waterproof request to exit (WP-RX)

- Switch rated to IP67 – protected from contact with harmful dust and from immersion in water with a depth of up to 1 meter (3.3 feet) for up to 30 minutes

Note: All in-field electrical connections should be in compliance with IP67 to ensure trouble free operation.

#### Latch bolt monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

The LX switch option should not be used to control a load, but as a signalling switch (0.5 amps. resistive maximum).

The LX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

#### To order, specify:

1. Standard – Use prefix LX, example LX33AEO
2. Low Current – Use prefix LX-LC, example LX-LC35AEO

#### Electrical rating for all switches

1. Standard – 2 amp maximum @ 24VDC
2. Low Current (LC) - below 50 Milliamps @ 24VDC

Note: All switches can be either factory or field installed

#### Signal switch (SS)



The SS feature is used to signal the unauthorized use of an opening. This device is equipped with two internal SPDT switches. One switch monitors both the pushpad and the latch bolt assembly, making the latch bolt tamper resistant, for positive security. An additional SPDT switch is connected to the 1 ¼" (32mm) mortise with straight cam for alarm "bypass." (Schlage cam reference B502-191). The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

#### To order, specify:

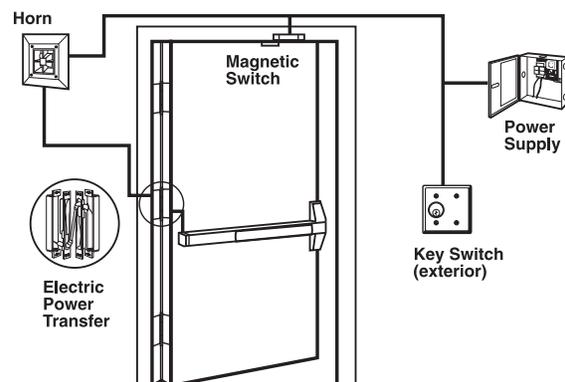
1. Prefix SS, example SS33AL
2. Handing required, LHR or RHR

#### Electrical ratings

- Up to 2.0 amps @ 24VDC

#### Popular SS application

Unauthorized use of this opening will activate the local horn. The key switch permits inhibiting this system for authorized entry.



## Electrified options

### Remote monitoring and remote undogging



#### Remote monitoring

Remote monitoring, RM, provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). RM is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A series device. RM provides power source flexibility and can be battery powered or has the ability to be hard-wired.

For customers desiring real time monitoring, RM is designed to connect to Allegion's Software Alliance Members via IP. The RM can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RM system capabilities and compatibilities, contact your local electronic sales engineer.



#### Remote undogging

Remote undogging, RU, option is a battery powered wireless solution that enables remote undogging and door status monitoring. The door status monitoring provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). It enhances perimeter security by providing electronic override of mechanical dogging for emergency facility lockdown. RU provides power source flexibility and can be battery powered or has the ability to be hard-wired.

RU is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A Series device. For customers desiring real time lockdown and monitoring, RU is designed to connect to Allegion's Software Alliance Members via IP. The RU can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RU system capabilities and compatibilities, contact your local electronic sales engineer.

### Alarm kit



ALK Alarm Kit is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

#### For Hardware Applications

The assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and disarming.

The key switch uses a standard 1 1/4" (32mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) option is available with this kit. This kit allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes. Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door. Specify ALK-LX.

The ALK is available in two styles, 33ALK, grooved cover and 35ALK, smooth cover.

The ALK includes a 6" x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND." RSS push bar trim can be used instead of the door decal, specify RSS push bar trim when ordering the device.

When the ALK is used, standard dogging is removed. If cylinder dogging is required for 3' or 4' doors, the ALK can be moved to the hinge side of the device and standard cylinder dogging can be added.

#### To order, specify:

1. Standard, 33A ALK
2. Cylinder dogging, CD35A ALK

#### Minimum door opening sizes on ALK applications

Device	3' (914mm) Length	4' (1219mm) Length
33A/35A	2'9" (838mm)	3'3" (991mm)
3327A/3527A	2'8" (813mm)	3'2" (966mm)
3347A/3347A-F   3547A/3547A-F	2'8" (813mm)	3'2" (966mm)
3348A/3348A-F   3548A/3548A-F	2'8" (813mm)	3'2" (966mm)

## Electrified trim

### E360 electric lever trim

Specify Fail Safe (FS) or Fail Secure (FSE).  
24VDC furnished standard, 12VDC available  
through special order.



#### To order, specify:

1. Prefix lever or thumbturn control with "E"  
Example: E360L-BE, E360T-BE
2. E360LBE, E360TBE functions
3. 01, 02, 03, 05, 07, 12, 16, 17, Latitude (LAT)
4. Special order 6: 03-SS1, 06-SS 1, 17-SS 1, 18,  
Accent (ACC), Asti (AST), LAT-SS 1, Longitude (LON),  
LON-SS 1, Merano (MER)

# Power supplies

## PS900 Series power supplies



The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2<sup>1</sup>, filtered and regulated power. The full line is UL294 certified.

### Features

- Constant output rating at both 12VDC or 24VDC provides superior performance; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering electrified panic devices
- Universal 120–240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws
- Optional keylock

### Certifications

- UL 294 certified—the standard for access control
- Class 2 rated<sup>2</sup>

## PS900 Series power supplies

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

### Connectors on the power supply

Product	Schlage PS902	Schlage PS904	Schlage PS906	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp inrush
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1
EL Compatible	No	No	No	Yes

### Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes, Von Duprin exit devices and many other brands.

### Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

### Option boards

- **900-4R:** 4 relay controlled output board to power multiple devices
- **900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock
- **900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-8P:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency<sup>2</sup>
- **900-BB:** Battery backup
- **900-2RS:** 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim
- **900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

1. PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

2. Except PS906, output rating exceeds Class 2 power limits.

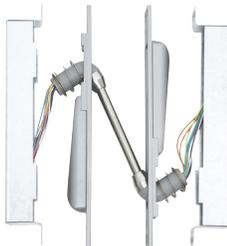
3. PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

## Electrified options

### Electrical and pneumatic power transfers

#### Electrical power transfer (EPT) Pneumatic transfer (PNT)

Electrical Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.



Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as “miscellaneous door accessory”. UL Listed for use on fire doors.

#### Door applications

Degree of opening	Hinge type	Door thickness
0-180	Up to 5" butt hinges	1 3/4"
0-180	Up to 3/4" offset pivots	1 3/4"
0-130	5 1/2" butt hinges	1 3/4"
0-110	6" butt hinges	1 3/4"
0-90	Swing clear hinges	1 3/4"

#### Finishes

- 622 Powder Coated Matte Black
- 689 Powder Coated Aluminum
- 695 Powder Coated Dark Bronze

#### Dimensions

Housing	9" x 1 1/4" x 1 5/8" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, Up to 2 amps @ 24VDC, with a 16 amps Maximum Surge
EPT-10	Ten 24 gauge wires, Up to 1 amps @ 24VDC, with a 16 amps Maximum Surge
PNT-1	5/32" Tubing

#### To order, specify:

- EPT-2 ,EPT-10 or PNT-1
- Finish: 622, 689, 695

### Allegion Connect



Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

#### Features and benefits

- Quick: common connections reducing installation time
- Perfect Connections: these factory installed connectors ensure the right wires match up every time
- Protective: the connectors protect the connection points throughout the installation process and lifetime of the opening
- Interchangeable: all Allegion Connect products utilize the same connectors
- Maintenance: you no longer need to cut away wire to disconnect Allegion products, also available is a service kit specifically for Allegion Connect products.

Harness length	Connectors on both ends	Connectors on one end, crimped pins on the other end
6 Inches	CON-6	CON-6P
12 Inches	CON-12	CON-12P
26 Inches	CON-26	CON-26P
32 Inches	CON-32	CON-32P
38 Inches	CON-38	CON-38P
44 Inches	CON-44	CON-44P
50 Inches	CON-50	CON-50P
192 Inches	CON-192	CON-192P

Power supply wire harness = connectors on one end, stripped leads on the other end.

6 Inches	CON-6W - wire extension to power supply
----------	---

Consult door manufacturer for harness length requirements.

**Note:** You will need to purchase a separate wiring harness to go from exit device to hinge/EPT and an additional harness to go from hinge/EPT to power supply or access control system. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon pricebooks. A service kit is available for order in the Schlage, Von Duprin and Falcon price books. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

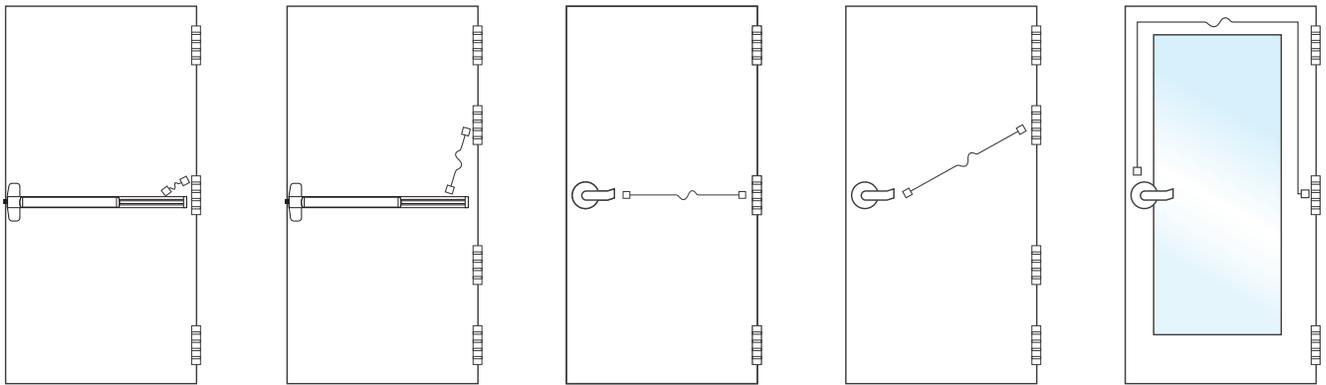
**Note:** Must be ordered with exit devices and locks.

# Allegion Connect

**To order, specify:**

- 1. Specify CON for Connect electronic options  
Example: QEL-99-EO-CON  
(99 Series quiet electric latch retraction exit only with Connect connectors)
- 2. Specify harness length; Consult door manufacturer for harness length
- 3. Specify Von Duprin EPT10-CON or Ives electrical thru-wire hinge

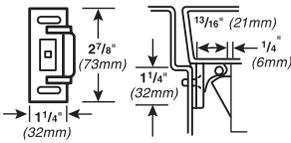
**Wire run options**



# Strikes

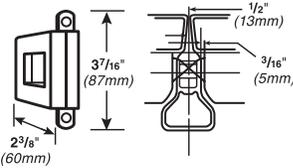
## Strikes for rim devices

299



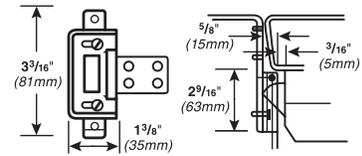
Projection  $1\frac{3}{16}$ " (21mm)

1408



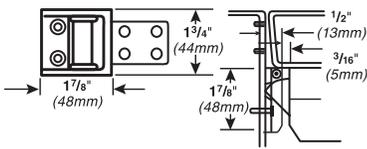
One per pair of doors

1410—Integral stop



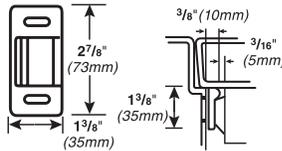
Projection  $\frac{1}{2}$ " (13mm)

1439—Blade stop



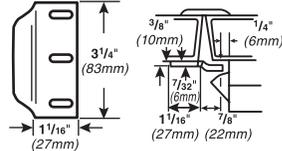
Projection  $\frac{1}{2}$ " (13mm)

1606



Projection  $\frac{3}{8}$ " (10mm)  
(Panic devices only)

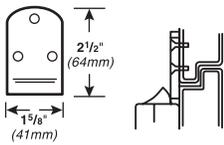
1609



- Requires coordinator
- For panic exit application only, not fire rated

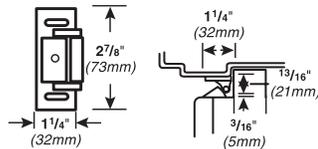
## Strikes for vertical rod devices

260U—Flush transom only



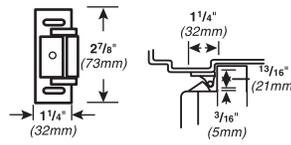
Projection  $\frac{3}{8}$ " (10mm)

266



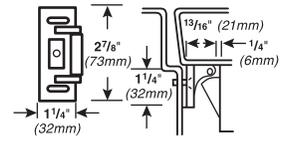
Projection  $1\frac{1}{4}$ " (32mm)

299



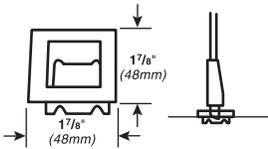
Projection  $\frac{3}{16}$ " (21mm)

299F



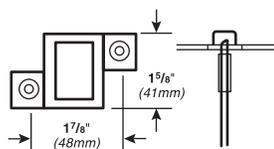
Projection  $1\frac{3}{16}$ " (21mm)

304L



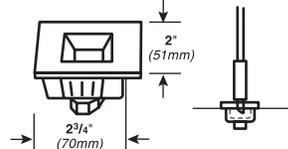
Mortise  $\frac{13}{16}$ " (21mm)

338



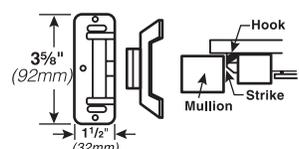
Mortise  $\frac{5}{8}$ " (16mm)

385A



Mortise  $2\frac{1}{2}$ " (64mm)

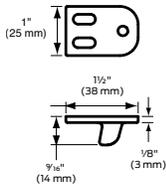
499F



Projection  $1\frac{3}{16}$ " (21mm)

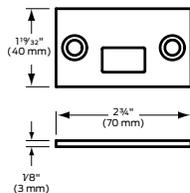
## Strikes for vertical cable devices

249 - Top strike



Projection  $\frac{9}{16}$ " (14mm)

349 - Bottom strike



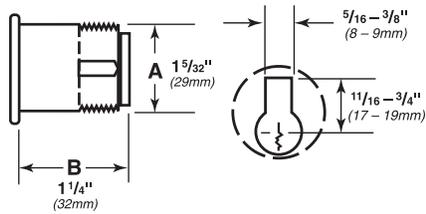
Projection  $\frac{1}{8}$ " (3mm)

# Cylinders

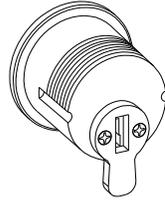
Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.



**Mortise — 3215**  
(Schlage 20-001, B502-191 cam)



### Dogged (inverted) cam

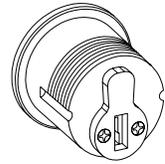


For cylinder dogging or 360L

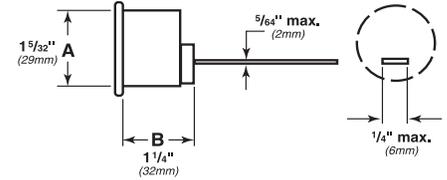


**Rim — 3216**  
(Schlage 20-022 cam)

### Undogged cam (standard operations)



For standard trim functions or 360L-NL



Introduction  
How to order  
Device types  
Trim options  
Mechanical options  
Electrified options  
Accessories  
Additional information

## Accessories

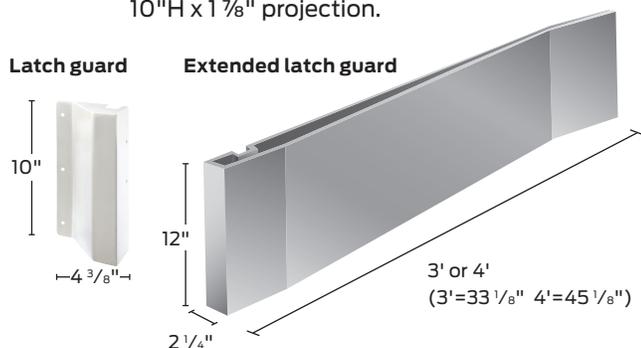
### Door kits

#### Vertical rod and latch guard (RG-27)

**Rod guard** Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp in 3' or 4' widths.

All stainless steel construction in US32D finish. Latch guards can cover latches as large as 1 1/4"W x 10"H x 1 7/8" projection.



#### Models

RGO	Rod guard only (projection 1 3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914mm) Rod guard and extended latch guard
RG-27-4	4' (1219mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914mm) Extended latch guard only
LGO-4	4' (1219mm) Extended latch guard only

**Note:** When using on wood fire doors, high density block is required.

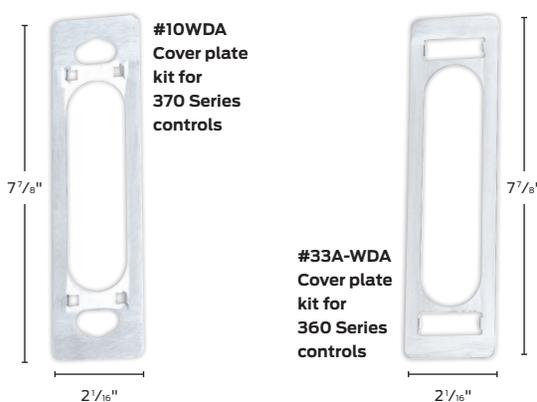
#### To order, specify:

1. Model number\*
2. Handing (except on RGO)
3. Door material if other than hollow metal
4. Optional sex bolt mounting available

\* RGO/RG-27 includes one rod guard only, which accommodates bottom or top rod up to 7' door. For longer top rods, specify rod guard quantity required.

#### Wood door applications cover plate kit (WDA)

For wood door applications, used to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.



#### Glass bead kit (GBK)

Glass bead conversion kits are available for all 33A/35A Series devices for use on doors with raised glass beads. Each kit consists of 1/4" (6mm) shim sets. GBK for Surface vertical rod ships with 1/8" shims for rod guides.

#### To order, specify:

1. Device model shim kit. Example: 33A- GBK
2. Device type (Rim, Surface Vertical, or Concealed Vertical, Rod/Cable)
3. Finish

## Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

- Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm)
- Mullions are shipped with mounting screws and prepared for strikes (strikes are not included except where indicated)
- Steel mullions are available in SP28 and SP313 finishes (Consult factory for other powder coat finish options)

### Keyed removable steel mullions (KR)

KR mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1 1/4" mortise cylinder with a straight cam (Schlage cam reference L583-477). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1 1/16" (27mm) wide on face closest to the door and 2 3/8" (60mm) at the widest point. The depth is 3 1/8" (79mm) with a wall thickness of 1/8" (3mm).

Aluminum mullions are available in 606, 612, 628, 710 and 622/711 finishes. Consult factory for other powder coat finish options. Aluminum mullions are not available keyed removable.

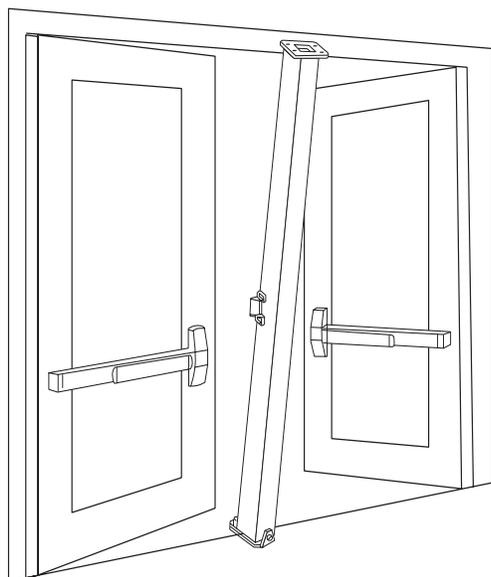
Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

### Blank mullions

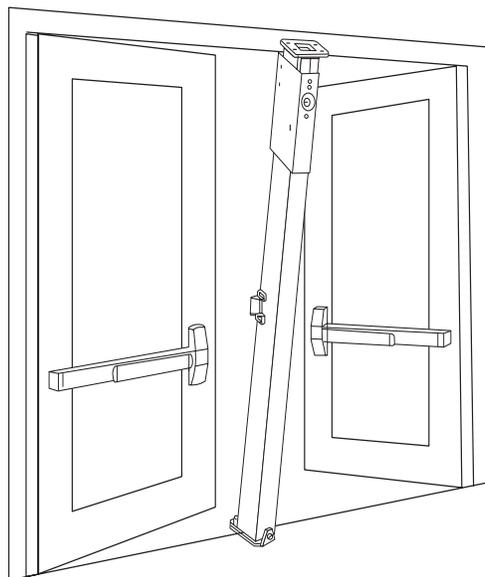
are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

### To order, specify:

- For keyed removable option on steel mullions, prefix model number with "KR"
- Model number
- Height of opening
- Finish
- Handing if required
- Centerline deviation (refer to device template for standard centerline)
- Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

## Steel and aluminum mullions

### Steel mullions

**1654** Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

**4954** Prepared for 264 or 299 strikes. For use with all Von Duprin panic rim devices.

**9954** Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99-F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings. 98-F and 99-F devices are rated up to 10'0" (3048 mm).



Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

UL fire labeled up to 3 hour opening. These applications are hurricane approved to 8'0" x 8'0" with this mullion: HH88-F (468 strike), HH98/99-F (499F strike), HH-XP98/99-F (954 strike), and HH98/9957-F (499F middle strike).

**4754** Prepared for two 4263 monitor strikes.

**4854** Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

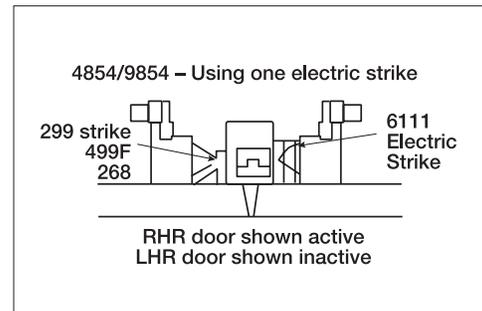
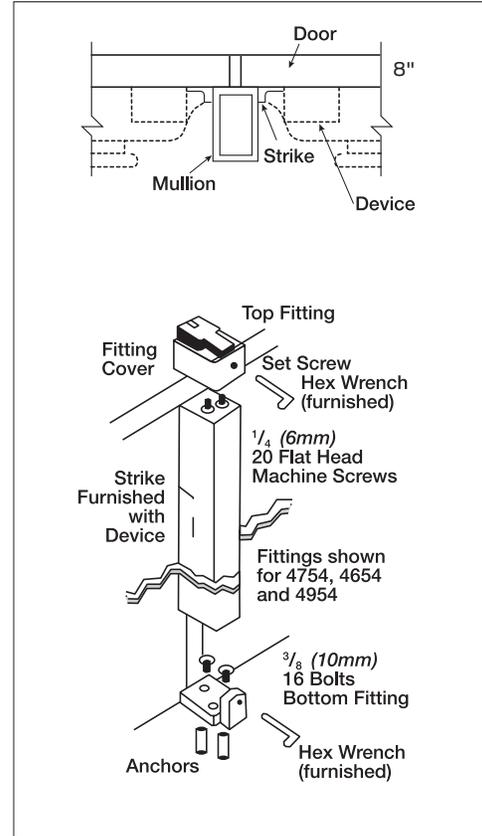
**9854** Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labeled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices



### Aluminum mullions

**5654** Prepared for two 299 strikes.

**5754** Prepared for 1408 double strike.



**Additional information**

# UL listing for fire exit hardware

## UL Listed fire exit hardware label and opening size

Check with door manufacturers to confirm listing compatibility.

Exit device	Door material	Single door				Double door			
			With 9954 mullion	With 9854 mullion <sup>4</sup>	With KR9954 mullion	With KR9854 mullion <sup>4</sup>	V x V same direction <sup>1</sup>	V x Mortise same direction	V x V double egress
33A/35A-F	Metal, Composite (Wood or Plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—	—
33A/35A-F with 1439 Strike	Metal, Composite (Wood or Plastic covered)	3 Hour 4' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	—	—	—
3327A-F 3527A-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3327A-LBR-F 3527A-LBR-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	—	3 Hour 8' x 10'
3347A-F 3547A-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3347A-F-LBR 3547A-F-LBR	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 9'	3 Hour 8' x 9'	3 Hour 8' x 9'
3347A-WDC-F 3547A-WDC-F	Composite (Wood or Plastic covered)	—	—	—	—	—	90 Min No Hose* 8' x 9'3"	90 Min No Hose* 8' x 9'3"	90 Min No Hose* 8' x 9'3"
3347A-WDC-LBR-F <sup>2</sup> 3547A-WDC-LBR-F <sup>2</sup>	Wood Core	—	—	—	—	—	20 Min No Hose* 8' x 9'3"	20 Min No Hose* 8' x 9'3"	20 Min No Hose* 8' x 9'3"
3348A-F 3548A-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3349A-F 3549A-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3349A-LBL-F 3549A-LBL-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3350-F 3550-F	Metal	—	—	—	—	—	90 Min 8' x 8'	—	90 Min 8' x 8'
3350AWDC-F 3550AWDC-F	Composite (Wood or Plastic covered)	—	—	—	—	—	90 Min w/ edge wrap 1 Hour w/o edge wrap 8' x 8'	—	—
3350AWDC-LBL-F <sup>2</sup> 3550AWDC-LBL-F <sup>2</sup>	Composite (Wood or Plastic covered)	—	—	—	—	—	20 Min with/without edge wrap, no hose 8' x 8'	—	—

1 Fire-rated metal door flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.

2 Not listed for Canada.

3 For Vertical x Mortise opening sizes, see applicable vertical rod/cable device rows.

4 Hourly limitation due to 6111 electric strike listing.

**Notes:**

Check with door manufacturers to confirm listing compatibility.

Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

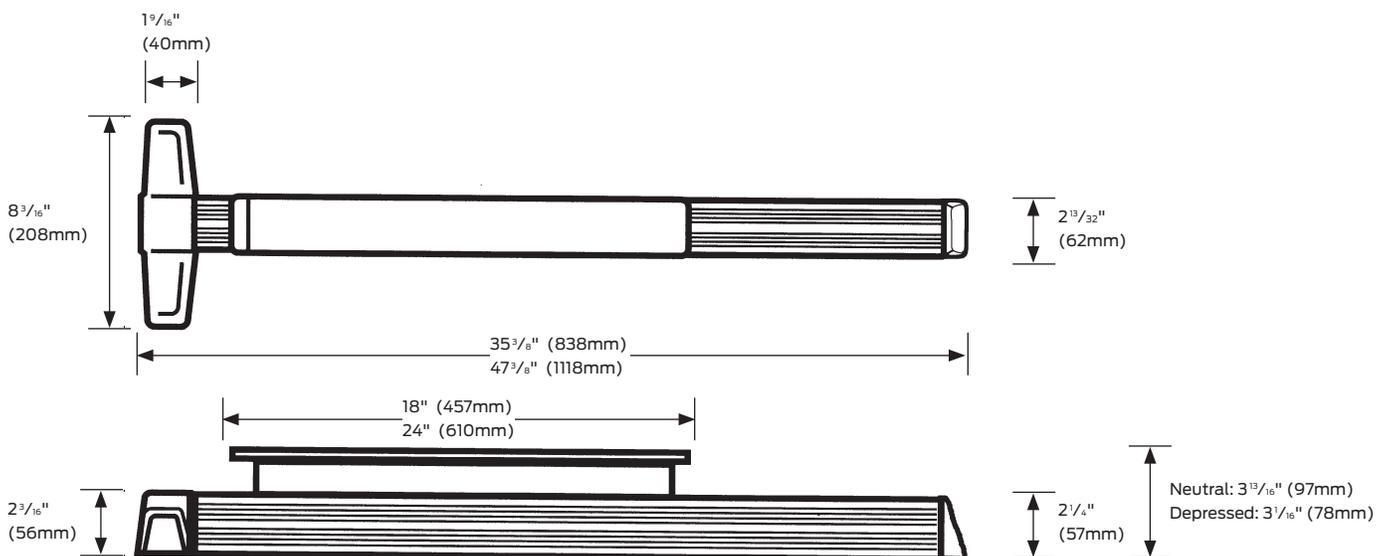
## Additional information

## Function, grade and type options

## ANSI Function, grade and type

Function	Grade 1, type 4	Grade 1, type 5	Grade 1, type 6, 7 and 8	
1	33AEO	3327A-EO	3347A-EO	3547A-EO
	35AEO	3327A-EO-F	3347A-EO-F	3547A-EO-F
		3527A-EO	3348A-EO	3548A-EO
		3527A-EO-F	3348A-EO-F	3548A-EO-F
			3349A-EO	3549A-EO
	3349A-EO-F	3549A-EO-F		
2	33A-DT	3327A-DT	3347A-DT	3547A-DT
	35A-DT	3527A-DT	3348A-DT	3548A-DT
			3349A-DT	3549A-DT
3	33A-NL	3327A-NL-OP	3347A-NL-OP	3547A-NL-OP
	33A-NL-OP	3527A-NL-OP	3347A-NL-OP-F	3547A-NL-OP-F
	35A-NL	3327A-NL-OP-F	3348A-NL-OP	3548A-NL-OP
		3527A-NL-OP-F	3348A-NL-OP-F	3548A-NL-OP-F
	3527A-NL	3527A-NL	3347A-NL	3547A-NL
		3327A-NL-F	3347-NL-F	3547-NL-F
			3527A-NL	3348-NL
	3527A-NL-F	3348-NL-F	3548-NL-F	
		3349A-NL-OP	3549A-NL-OP	
		3349A-NL-OP-F	3549A-NL-OP-F	
		3349A-NL	3549A-NL	
		3349A-NL-F	3549A-NL-F	
	8/9	33A-L	3327A-L	3347A-L
35A-L		3327A-L-F	3347A-L-F	3547A-L-F
		3527A-L	3348A-L	3548A-L
		3527A-L-F	3348A-L-F	3548A-L-F
			3349A-L	3549A-L
	3349A-L-F	3549A-L-F		
11/12	33A-TL	3327A-TL	3347A-TL	3547A-TL
	35A-TL	3327A-TL-F	3347A-TL-F	3547A-TL-F
		3527A-TL	3348A-TL	3548A-TL
		3527A-TL-F	3348A-TL-F	3548A-TL-F

## Dimensions



Additional information

# Stile information

Device type	Standard single door			Standard double door			Optional single door			Optional double door		
	Strike	Trim/stile		Strike w/mullion*		Trim/stile	Strike	Trim/stile		Strike w/mullion*		Trim/stile
33A/35A	1439	2" (51mm)	2" (51mm)	1408 x 5754		2" (51mm)	299 1410 1606	2 3/4" (70mm) 1 3/4" (44mm) 2 1/2" (64mm)	2 3/4" (70mm) 1 3/4" (44mm) 2 1/2" (64mm)	299 x 5654 299 x 4954 1606 x 1654	2 5/8" (67mm) 3 9/16" (84mm) 2 3/4" (70mm)	2 5/8" (67mm) 3 9/16" (84mm) 2 3/4" (70mm)
3327A 3527A	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	2" (51mm)	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	2" (51mm)	299 (Top) 385A (Bottom) 260U (Top) 385A (Bottom)	3 1/8" (79mm) 3 1/8" (79mm) 2 1/8" (54mm) 2 1/8" (54mm)	3 1/8" (79mm) 3 1/8" (79mm) 2 1/8" (54mm) 2 1/8" (54mm)	299 (Top) 385A (Bottom) 260U (Top) 385A (Bottom)	3 1/8" (79mm) 3 1/8" (79mm) 2 1/8" (54mm) 2 1/8" (54mm)	3 1/8" (79mm) 3 1/8" (79mm) 2 1/8" (54mm) 2 1/8" (54mm)
3327A-F 3527A-F	—	—	—	299F (Top) 304L (Bottom)	3 1/8" (79mm)	3 1/8" (79mm)	—	—	—	—	—	—
3327A-LBR-F	—	—	—	499F (Top) (Req. auxiliary fire latch)	3 5/8" (92mm)	3 5/8" (92mm)	—	—	—	—	—	—
3347A 3547A 3348A 3548A	338 (Top) 385A (Bottom)	2 1/8" (54mm)	2 1/8" (54mm)	338 (Top) 385A (Bottom)	2 1/8" (54mm)	2 1/8" (54mm)	304L (Bottom)	2 1/2" (64mm)	2 1/2" (64mm)	304L (Bottom)	2 1/2" (64mm)	2 1/2" (64mm)
3347A-F 3547A-F 3348A-F 3548A-F	—	—	—	338 (Top) 385A (Bottom)	3 5/8" (92mm)	3 5/8" (92mm)	—	—	—	304L (Bottom)	3 1/2" (89mm)	3 1/2" (89mm)
3347A-LBR 3547A-LBR	338 (Top)	2 1/2" (64mm)	2 1/2" (64mm)	338 (Top)	2 1/2" (64mm)	2 1/2" (64mm)	—	—	—	—	—	—
3347A-LBR-F 3547A-LBR-F	—	—	—	338 (Top)	3 5/8" (92mm)	3 5/8" (92mm)	—	—	—	—	—	—
3349A 3549A	249 (Top) 349 (Bottom)	2 1/2" (64mm)	2 1/2" (64mm)	249 (Top) 349 (Bottom)	2 1/8" (54mm)	2 1/8" (54mm)	—	—	—	—	—	—
3349A-F 3549A-F	—	—	—	249 (Top) 349 (Bottom)	3 1/2" (89mm)	3 1/2" (89mm)	—	—	—	—	—	—
3349A-LBL 3549A-LBL	249 (Top)	2 1/2" (64mm)	2 1/2" (64mm)	249 (Top)	2 1/8" (54mm)	2 1/8" (54mm)	—	—	—	—	—	—
3349A-LBL-F 3549A-LBL-F	—	—	—	249 (Top)	3 5/8" (92mm)	3 5/8" (92mm)	—	—	—	—	—	—

## Additional information

## Lever styles and finishes

## Decorative levers

M51<sup>2</sup>M52<sup>2</sup>

M53



M54



M55



M56

M57<sup>1</sup>M61<sup>3</sup>M62<sup>1,3</sup>M63<sup>3</sup>M81<sup>2</sup>

M82



M83



M84

M85<sup>3</sup>ME1<sup>2,3,4</sup>ME2<sup>2,3,4</sup>ME3<sup>2,3</sup>

1. Available in stainless steel substrate ONLY.

2. Knurling available.

3. Handed.

4. Designed with Gensler as product design consultant.

## Standard levers



01

02<sup>2</sup>03<sup>1,2</sup>

05

06<sup>1,2</sup> (Default lever)

07

12<sup>3</sup>

16 - Omega

17<sup>1,2</sup>

18

ACC - Accent<sup>3</sup>AST - Asti<sup>3</sup>MER - Merano<sup>3</sup>LAT<sup>1</sup> - LatitudeLON<sup>1</sup> - Longitude

1. Available in stainless steel—specify SS when ordering.

2. Knurling available.

3. Handed.

Finish options*						
Color	Bright Brass	Satin Brass	Satin Bronze	Satin Nickel	Matte Black/Anodized	Bright Chrome
ANSI/BHMA number	605	606	612	619	622/711	625

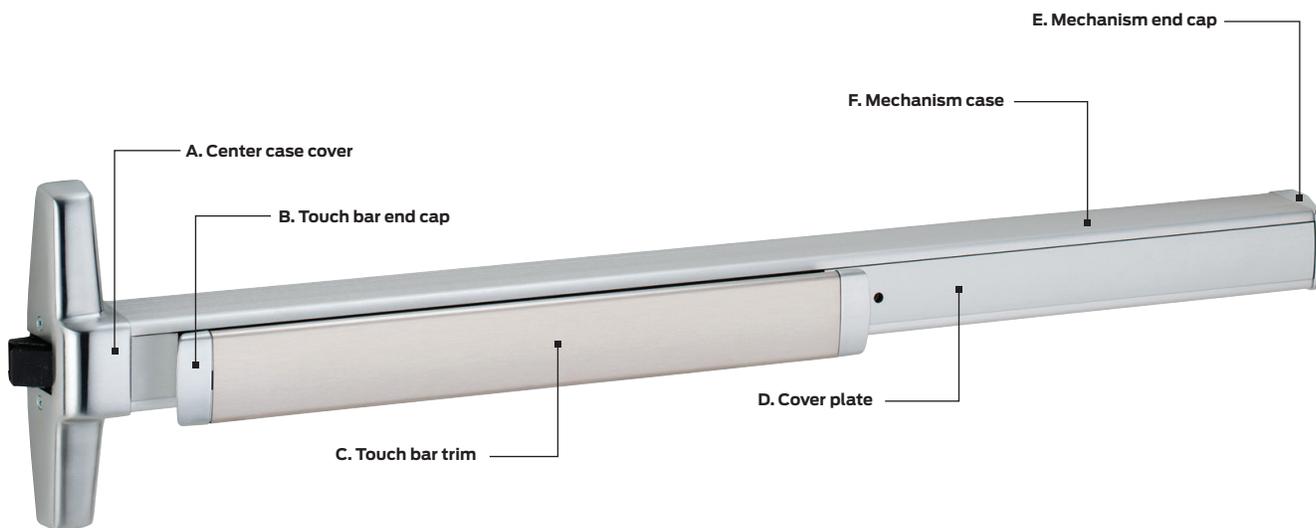
  

Finish options*						
Color	Satin Chrome	Aluminum, anodized	Satin Stainless	Aged Bronze	Black Paint	Dark Brown, Anodized
ANSI/BHMA number	626/626AM†	628	630/630AM†	643e	693	710

\* Durable powder coated finishes available at special request. Please contact factory.

† AM = Antimicrobial

## Device finish options



### Finishes

Color	BHMA number	A, B, E	C	D and F
Bright brass	605	Bright brass	Bright brass, 605	Buffed anodized
Satin brass	606	Satin brass	Satin brass, 606	Anodized
Satin bronze	612	Plated	Satin bronze, 612	Anodized
Satin nickel	619 <sup>1</sup>	Plated	Satin stainless steel, 630	Anodized
Bright chrome	625	Plated	Bright stainless steel, 629	Buffed anodized
Satin chrome	626	Plated	Satin stainless steel, 630	Anodized
Satin stainless steel	630	Stainless steel	Satin stainless steel, 630	Anodized
Aluminum, anodized	628	Powder coated	Satin stainless steel, 630	Anodized
Duranodic dark bronze	710	Powder coated	Powder coated	Powder coated
Black	622/711	Powder coated	Powder coated	Powder coated
Aged bronze	643e	Relieved aged bronze	Relieved aged bronze	Aged bronze, no relief
Black, painted (not flat powder)	693	Powder coated	Powder coated	Powder coated
Duranodic dark bronze	710	Powder coated	Powder coated	Powder coated

<sup>1</sup> Available for 35A ONLY



## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit [www.allegion.com](http://www.allegion.com)

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN