

# 3349A/3549A Concealed vertical cable device



**3349A and 3549A** for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2001 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. See opposite page for available outside trim and device functions.

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

**Finishes** – US3, US3A, US4, US4A, US10, US15 (3549 Only), US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 and 643E.

## Specifications

Device lengths	2' 2" (610 mm) Door size 3' 2 1/4" to 3' (660mm to 914 mm) door size 4' 2 1/8" to 4' (813 mm to 1219 mm) door size
Device centerline from finished floor	39 13/16" (1006mm)
Center case dimensions	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking anti-friction top & bottom bolt 1 1/2" (13mm) throw
Door undercut	3/4" (19mm) Maximum - 24231516 Spacer block kit needed for 3/4" (19mm) undercut
Top & bottom latch	5 13/16" x 1 1/4" x 1 1/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) Diameter stainless steel cables
Fasteners & sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood & metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Electric options	<b>ALK</b> Alarm kit <b>CX</b> Chexit delayed exit <b>EL</b> Electric latch retraction <b>HD-EL</b> Electric latch retraction with hex dogging <b>QEL</b> Quiet electric latch retraction <b>RX</b> Request to exit, WP-RX waterproof option <b>*LX</b> Latchbolt monitoring <b>*LX-RX</b> Request to exit / latchbolt monitoring <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
Miscellaneous options	<b>GBK</b> Glass bead kit <b>PL</b> Pullman latch <b>PN</b> Pneumatic <b>INS-2/INS-4</b> Insulclad Kits 1/2" / 1/4" panels <b>LBL</b> Less bottom latch <b>SG</b> Safety glow <b>SEC</b> Security screws <b>SNB</b> Sex bolts
Dogging feature	<b>Hex dogging standard</b> <b>CD</b> Cylinder dogging <b>LD</b> Less dogging
Strikes	Top – <b>249</b> Bottom – <b>349</b>

**QEL**  
**Quiet electric latch retraction**  
 • Bolt retraction via switch  
 • Converts exit door to push-pull operation

**AX**  
**Accessible device**  
 • UL certified to meet new 5 lb. maximum operating force requirement  
 • Exceeds ANSI/BHMA requirements

**E (E360L)**  
**Electric lever trim**  
 • Electrified remote locking/unlocking  
 • Fail safe & fail secure options available  
 • No key override

**ALK**  
**Alarm exit kit**  
 • Unauthorized opening triggers 85-decibel horn  
 • Set in armed or disarmed mode by key

**EL**  
**Electric latch retraction**  
 • Enables remote unlatching  
 • Alternative to manual dogging

**CON**  
**Allegion Connectors**  
 • Common connectors to connect various door hardware all the way to the power supply

**DI**  
**Dogging Indicator**  
 • Monitor dogging status without a control panel  
 • Red indicator light shows visibility to dogging from over 75 feet





**RX**  
**Pushpad monitor switch**  
 • Signals use of an opening  
 • SPDT switch to monitor pushpad





**CD**  
**Cylinder dogging**  
 • Replaces hex key dogging  
 • Requires standard 1 1/4" mortise cylinder

**PN**  
**Pneumatic latch retraction**  
 • For areas where electrical devices banned  
 • Special linkage for mechanical or pneumatic dogging

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

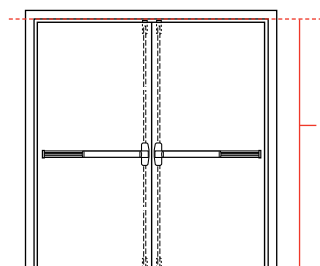
Standard trim

	EO	DT	NL	NL-OP
				
	<b>Exit only</b> no outside trim	<b>Dummy trim</b> pull when dogged	<b>Night latch</b> key retracts latchbolt	<b>Night latch</b> key retracts latchbolt optional pull required
<b>Product description</b>	3349A-EO 3549A-EO	3349A-DT 3549A-DT	3349A-NL 3549A-NL	3349A-NL-OP 3549A-NL-OP
<b>Trim description</b>	—	386DT	386NL	388
<b>Base size</b>	—	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>5</sup> / <sub>8</sub> " (190x41mm)	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>5</sup> / <sub>8</sub> " (190x41mm)	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>11</sup> / <sub>16</sub> " (190x43mm)
<b>Grip size</b>	—	8 <sup>1</sup> / <sub>2</sub> " x 4 <sup>5</sup> / <sub>16</sub> " (216x110mm)	8 <sup>1</sup> / <sub>2</sub> " x 4 <sup>5</sup> / <sub>16</sub> " (216x110mm)	—
<b>Projection</b>	—	2 <sup>7</sup> / <sub>16</sub> " (62mm)	2 <sup>7</sup> / <sub>16</sub> " (62mm)	1" (25mm)
<b>ANSI function</b>	01	02	03	03
<b>Cylinder type</b>	—	—	Rim	Rim
<b>Handing</b>	—	—	Handed	—
<b>Optional trim</b>	—	x 360L-DT x 550DT x IVES 8190	—	x 550DT x IVES 8190 10"

	L	L-BE	T	T-BE
				
	<b>Lever</b> key locks and unlocks	<b>Lever blank escutcheon</b> always operable (no cylinder)	<b>Thumbturn</b> key locks and unlocks (behind C/case)	<b>Thumbturn always operable</b> (no cylinder) (behind C/case)
<b>Product description</b>	3349A-L 3549A-L	3349A-L-BE 3549A-L-BE	3349A-T 3549A-T	3349A-T-BE 3549A-T-BE
<b>Trim description</b>	360L	360L-BE	360T	360T-BE
<b>Base size</b>	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)
<b>Grip size</b>	—	—	—	—
<b>Projection</b>	3" (76mm)	3" (76mm)	1 <sup>3</sup> / <sub>16</sub> " (46mm)	1 <sup>3</sup> / <sub>16</sub> " (46mm)
<b>ANSI function</b>	08 or 09 field selectable	—	11 or 12 field selectable	—
<b>Cylinder type</b>	1 <sup>1</sup> / <sub>4</sub> " Mortise	—	1 <sup>1</sup> / <sub>4</sub> " Mortise	—
<b>Handing</b>	Handed/Reversible	Handed/Reversible	—	—
<b>Optional trim</b>	—	E360L-BE	—	E360T-BE

Nominal door opening height		Top cable part number	Bottom cable part number
*82" - 96"	*6'10" - 8'	47250175	47250178
>96" - 110"	>8'0" - 9' 2"	47250176	47250179
>110" - 120"	>9'2" - 10'	47250177	47250180

\*Default door opening height. Specify door opening height if other than the default. For door heights less than 6'10" and greater than 10', contact our Customer Care department to discuss your specific application needs.



**Door opening height** is distance from bottom of frame header to finished floor.

See table on left for standard offering.

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



**3349A-F and 3549A-F** for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See page 47 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2001 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. See opposite page for available outside trim and device functions.

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

**Finishes** – US3, US3A, US4, US4A, US10, US15 (3549 Only), US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 and 643E.



## Specifications

Device lengths	2' 2" (610 mm) Door size 3' 2'4" to 3' (660mm to 914 mm) door size 4' 2'8" to 4' (813 mm to 1219 mm) door size
Device centerline from finished floor	39 13/16" (1006mm) Standard
Center case dimensions	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking anti-friction top & bottom bolt 1/2" (13mm) throw
Door undercut	3/4" (19mm) Maximum - 24231516 Spacer block kit needed for 3/4" (19mm) undercut
Top & bottom latch	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
Fasteners & sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood & metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Electric options	<b>ALK</b> Alarm kit <b>CX</b> Chexit delayed exit <b>EL</b> Electric latch retraction <b>HD-EL</b> Electric latch retraction with hex dogging <b>QEL</b> Quiet electric latch retraction <b>RX</b> Request to exit, WP-RX waterproof option <b>*LX</b> Latchbolt monitoring <b>*LX-RX</b> Request to exit / latchbolt monitoring <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
Miscellaneous options	<b>GBK</b> Glass bead kit <b>PN</b> Pneumatic <b>LBL</b> Less bottom latch <b>SG</b> Safety glow <b>SEC</b> Security screws <b>SNB</b> Sex bolts
Strikes	Top – <b>249</b> Bottom – <b>349</b>

### QEL

#### Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

### AX

#### Accessible device

- UL certified to meet new 5 lb. maximum operating force requirement
- Exceeds ANSI/BHMA requirements

### E (E360L)

#### Electric lever trim

- Electrified remote locking/unlocking
- Fail safe & fail secure options available
- No key override

### ALK

#### Alarm exit kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

### EL

#### Electric latch retraction

- Enables remote unlatching
- Alternative to manual dogging

### SG

#### Safety glow

- Self illuminating touchpad
- No batteries or electronics

### CON

#### Allegion Connectors

- Common connectors to connect various door hardware all the way to the power supply

### RX

#### Pushpad monitor switch

- Signals use of an opening
- SPDT switch to monitor pushpad





### PN





#### Pneumatic latch retraction

- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging

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

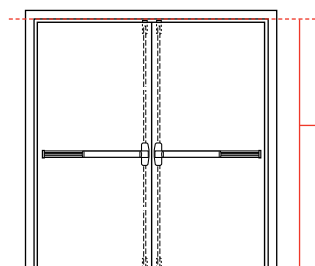
Standard trim

	EO	DT	NL	NL-OP
				
	<b>Exit only</b> no outside trim	<b>Dummy trim</b> pull when dogged	<b>Night latch</b> key retracts latchbolt	<b>Night latch</b> key retracts latchbolt optional pull required
<b>Product description</b>	3349A-EO-F 3549A-EO-F	3349A-DT-F 3549A-DT-F	3349A-NL-F 3549A-NL-F	3349A-NL-OP-F 3549A-NL-OP-F
<b>Trim description</b>	—	386DT	386NL	388
<b>Base size</b>	—	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>5</sup> / <sub>8</sub> " (190x41mm)	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>5</sup> / <sub>8</sub> " (190x41mm)	7 <sup>15</sup> / <sub>32</sub> " x 1 <sup>11</sup> / <sub>16</sub> " (190x43mm)
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<b>Projection</b>	—	2 <sup>7</sup> / <sub>16</sub> " (62mm)	2 <sup>7</sup> / <sub>16</sub> " (62mm)	1" (25mm)
<b>ANSI function</b>	01	02	03	03
<b>Cylinder type</b>	—	—	Rim	Rim
<b>Handing</b>	—	—	Handed	—
<b>Optional trim</b>	—	x 360L-DT x 550DT x IVES 8190	—	x 550DT x IVES 8190 10"

	L	L-BE	T	T-BE
				
	<b>Lever</b> key locks and unlocks	<b>Lever blank escutcheon</b> always operable (no cylinder)	<b>Thumbturn</b> key locks and unlocks (behind C/case)	<b>Thumbturn always operable</b> (no cylinder) (behind C/case)
<b>Product description</b>	3349A-L-F 3549A-L-F	3349A-L-BE-F 3549A-L-BE-F	3349A-T-F 3549A-T-F	3349A-T-BE-F 3549A-T-BE-F
<b>Trim description</b>	360L	360L-BE	360T	360T-BE
<b>Base size</b>	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)	7 <sup>1</sup> / <sub>2</sub> " x 1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (190x43x22mm)
<b>Grip size</b>	—	—	—	—
<b>Projection</b>	3" (76mm)	3" (76mm)	1 <sup>3</sup> / <sub>16</sub> " (46mm)	1 <sup>3</sup> / <sub>16</sub> " (46mm)
<b>ANSI function</b>	08 or 09 field selectable	—	11 or 12 field selectable	—
<b>Cylinder type</b>	1 <sup>1</sup> / <sub>4</sub> " Mortise	—	1 <sup>1</sup> / <sub>4</sub> " Mortise	—
<b>Handing</b>	Handed/Reversible	Handed/Reversible	—	—
<b>Optional trim</b>	—	E360L-BE	—	E360T-BE

Nominal door opening height		Top cable part number	Bottom cable part number
*82" - 96"	*6'10" - 8'	47250175	47250178
>96" - 110"	>8'0" - 9' 2"	47250176	47250179
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\*Default door opening height. Specify door opening height if other than the default. For door heights less than 6'10" and greater than 10', contact our Customer Care department to discuss your specific application needs.



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See table on left for standard offering.