

AB 211 Products for Compliance



IR Ingersoll Rand
Security Technologies



*Ingersoll Rand delivers
on code compliance.*

When it's your job to specify code-compliant door hardware, Ingersoll Rand can make selecting the right product easy. From mechanical to electronic security products, Ingersoll Rand has what you need to help protect the people and assets inside your facility.

Beginning July 1, 2011, California Law AB 211 Article 8.5 will require all new construction projects submitted to the Division of the State Architect to include locks that allow doors to classrooms and rooms with an occupancy of five or more persons to be locked from the inside, except as specified.

With a wide range of solutions and services for your classroom or school, Ingersoll Rand has what you need no matter how demanding your project specifications may be and we stand behind every product we make. Our commitment to design performance and technology ensures you can stand behind our products too.



Standalone & Networked

AD-Series Adaptable Electronic Locks

With the AD-Series, one platform translates to an endless number of adaptable solutions. You can choose the features and functions that are right for the application today, and upgrade to meet your evolving needs in the future.

CO-Series Standalone Electronic Locks

CO-Series standalone locks are the ideal solution for facilities that want the convenience and efficiency of electronic access control without the cost of a networked system. CO-Series offers a range of fixed factory orderable options.



	AD-300/400				AD-200/250				CO-200/250				CO-100			
Product Description	AD-300 Networked/Hardwired; Direct RS485 connection or Wiegand or Clock & Data AD-400 Networked/Wireless; 900 MHz, Secure encrypted data transmission				AD-200 Standalone; user access rights stored in the lock AD-250 Standalone; user access rights stored on magnetic stripe card				CO-200 Standalone; user access rights stored in the lock CO-250 Standalone; user access rights stored on magnetic stripe card				CO-100 Standalone, keypad only, manually programmable only			
Chassis CY - Cylindrical MS - Mortise MD - Mortise Deadbolt	CY ¹	MS ¹	MD	993	CY	MS	MD	993	CY	MS	MD	993	CY	MS	MD	993
Function	50 - Office	•	•		•				•	•			•	•		
	40 - Privacy	•	•		•	•	•		•	•	•					
	60 - Apartment	•	•		•	•	•									

Around the door solutions

Reader on both sides of the door

- Standalone or networked controller¹ with:
 - 2 Credential Readers
 - Maglock, Electric Strike, Electrified ND/L, or Electrified Exit (EL or QEL)
 - Power Supply

Reader on outside, pushbutton on inside

- Standalone or networked controller¹ with:
 - 1 Credential Reader
 - 1 Pushbutton for Lock Unlock
 - Electromagnetic Lock, Electric Strike, Electrified ND/L-Series, or Electrified Exit (EL or QEL)
 - Power Supply

¹ Consult your Ingersoll Rand representative for compliant options that are compatible with Schlage SMS software and third party access control systems.

Mortise & Cylindrical

L-Series Heavy Duty Mortise Locks

Schlage L-Series Heavy Duty Mortise Locks are built to withstand the rigors of daily use without fail. Their strength and durability, built in security features and ease of adaptability to your application make the L-Series the right lock for virtually any application. For additional protection from forced entry, optional Vandlgard^{®2} technology is available on all locking mortise lock functions.

ND-Series Cylindrical Locks

The toughest cylindrical lock for heavy-duty commercial applications. At Schlage we know that every product you specify has to stand up to constant use and abuse without compromising security. Built for heavy-duty applications, ND-Series locks are easy to service and maintain and are available with our exclusive Vandlgard^{®2} technology.

	L-Series						ND-Series						
Product Description	Single Cylinder Non-Deadbolt		Double Cylinder Non-Deadbolt			Double Cylinder Deadbolt	Keyed Locks				Vandlgard ^{®2}		
	L9050, LV9050 ²	L9056, LV9056 ²	L9060, LV9060 ²	L9071, LV9071 ²	L9077, LV9077 ²	L9457	ND50	ND60	ND73	ND75	ND91	ND93	ND95
Function	9050	9056	9060	9071	9077	9457	50	60	73	75	91	93	95

L-Series Certifications

ANSI: L9000: ANSI A156.13 Series 1000, Grade 1 Operational and Security, UL Listed for 3-hour fire door (except L9076 and L9077). With inter-changeable core cylinders: Grade 2 Security.

California State Reference Code: All levers with returns comply; levers return to within 1/2" of door face.

ND-Series Certifications

ANSI: Meets or exceeds A156.2 Series 4000, Grade 1 strength and operational requirements. Meets A117.1 Accessibility Code.

California State Reference Code: All levers with less than 1/2" (64mm) returns comply; Schlage levers return to within 1/2" of door face.







² Vandlgard[®] option allows the exterior lever to rotate fully down when locked, preventing damage to internal lock components caused by excessive force in trying to gain access.

98/99™ Rim Exit

The 98/99 Rim Exit Device double cylinder features an inside key cylinder which locks or unlocks the outside trim and an outside key cylinder which retracts the latch bolt only (Night Latch Function³). Available on rim or mortise lock device. Rim device requires two rim

type cylinders. Mortise device requires 1 rim cylinder and 1 mortise cylinder with a straight cam. (Schlage cam reference B502-191.) Outside trim and device functions are available.

	Rim Device	Surface Vertical Rod	Concealed Vertical Rod	Mortise Panic Device
<p>Wide Stile</p> 	98/99DT 98/99NL 98/99L-NL 98/99-NL-OP 98/99L-F-2 🔥 98/9975L-F-2 🔥 CD98/99DT CD98/99L-2 CD98/99NL-OP CD98/99L-NL 98/99L-2	98/9827DT 98/9927NL 98/9927-NL-OP 98/9927L-NL	98/9947DT 98/9947NL 98/9947NL-OP 98/9947L-NL CD98/9947DT CD98/9947NL CD98/9947NL-OP CD98/9947L-NL	98/9975DT 98/9975L 98/9975L-NL 98/9975L-2 CD98/9975DT CD98/9975L-NL CD98/9975L
<p>Narrow Stile</p> 	33/35A DT CD33/35A-NL CD33/35A-NL-OP CD33/35A-L-NL CD33/3527A-NL CD33/3527A-NL-OP CD33/3527A-L	CD33/3547A-L CD33/3547A-NL-OP CD33/3547A-L		
<p>Traditional Crossbar</p> 		88DT 88L 88NL	8827DT 8827L 8847L	8875NL 8875L
<p>Narrow Crossbar</p> 	55DT 55L 5547DT 5547NL-OP 5547L 5575DT 5575L-LN	5575NL-OP		

Double Cylinder - 2



To Order, Specify:

1. Suffix-2 with device/trim number, example 99L-F-2.
2. Handing required, LHR or RHR.

Cylinder Dogging - CD



Cylinder dogging is available on all 98/99™ Panic Exit devices to replace the standard hex key dogging. Unit requires a standard 1 1/4" (32mm) mortise cylinder with straight cam (Schlage Cam B502-191 reference).

To Order, Specify:

- Use prefix, CD, example CD99L

³ In the state of California, Night Latch requires cylinder dogging.

🔥 Fire rated exit device

Schlage Electronic Lock Functions

40 – Privacy Function

Lockset is normally secure. Interior pushbutton on inside housing may be used to select a privacy status. The interior pushbutton will disable normal electronic access from the exterior. Opening the door or pressing the interior pushbutton a second time on the inside housing deactivates the privacy status. Inside lever is always free for immediate egress.

50 – Office Function

Lockset is normally secure. Interior pushbutton on inside housing may be used to select a passage or secured status. Meets need for lockdown function for safety and security. Inside lever is always free for immediate egress.

NOTE: Valid toggle credentials on the exterior may also be used to change status.

Schlage Mechanical Lock Functions

50 - Entrance/Office Lock

Push-button locking. Push-button locks outside lever until it is unlocked with key or by turning inside lever. Inside lever is always free for immediate egress.

60 - Vestibule Lock

Latch retracted by key from outside when the outside lever is unlocked by key in inside lever. Inside lever is always free for immediate egress.

73 - Corridor Lock

Locked or unlocked by key from outside. Push-button locking from inside. Turn inside lever or close door to release button. When outside lever is locked by key it can only be unlocked by key. Inside lever is always unlocked.

75 - Classroom Security Lock

Key in either lever locks or unlocks outside lever. Inside lever is always free for immediate egress.

91 - Entrance/Office Lock

Push-button locking. Push-button disengages outside lever until locked with key or by turning inside lever. Vandlgard is designed to disengage outside spindle from latch when locked. Inside lever is always free for immediate egress.

93 - Vestibule Lock

Latch retracted by key from outside when outside lever is disengaged by key in inside lever. Inside lever is always unlocked. Vandlgard is designed to disengage outside spindle from latch when locked. Inside lever is always free for immediate egress.

95 - Classroom Security Lock

Key in either lever locks or unlocks outside lever. Inside lever is always free for immediate egress.

9050 - Office and Inner Entry Lock

Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.

60 – Apartment Entrance Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latch-bolt when door is closed. Inside lever is always free for immediate egress.

9056 - L9050 with Automatic Unlocking

Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by rotating inside thumbturn. Outside knob/lever unlocked by key outside or thumbturn. Rotating inside knob/lever simultaneously retracts latchbolt and unlocks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress. (Previously XL11-776)

9060 – Apartment Entrance Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latch-bolt when door is closed. Inside lever is always free for immediate egress.

9071 - Classroom Security Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Inside lever is always free for immediate egress.

9077 - Classroom Security Holdback Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Depress inside knob/lever and turn key 360° for holdback feature. Inside lever is always free for immediate egress.

9457 - Classroom Security Lock with Deadbolt

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress.



Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. The Sector's market-leading products include electronic and biometric access control systems; time and attendance and personnel scheduling systems; mechanical locks and portable security, door closers and exit devices, steel doors and frames, architectural hardware and technologies and services for global security markets.

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