SCHLAGE

Images shown are not to scale.

CO-100
Standalone electronic lock

Overview

The CO Series is the ideal solution for customers seeking the added security and convenience of electronic access control without the cost or complexity of a fully networked system.

The CO-100 is a standalone lock that is manually programmable. User rights for the CO-100 are stored on the lock. Unique PIN codes can be assigned to each user. This minimizes the number of mechanical keys issued which protects the integrity of your key system. PIN codes can be easily added or deleted at anytime, right at the door.

The CO-100 from Schlage offers you many choices. Cylindrical, mortise, and exit trim chassis options are available, as well as a wide variety of finishes and levers to suite with your existing hardware.

Mechanical key override is standard and compatible with multiple cylinder types. The CO Series is also compatible with many popular brands of exit devices. The CO-100 in office function can be hard wired to a remote release button to control the door without the use of temporary PIN codes.

The CO Series has been tested the highest standards in the industry to ensure the quality and reliability you have come to expect from Schlage. The CO Series is ANSI/BHMA A156.25, ANSI/BHMA Grade 1 certified and UL 294 Listed.

Features and benefits

- Manually programmable
- Up to 500 unique 3-6 digit PIN codes stored on the lock
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1 certified, UL 294 and UL 10C listed, hurricane wind and impact rated[1]
- Classroom/storeroom, office and privacy function available
- Chassis options include cylindrical, mortise, and exit trim
- Compatible with most major brands of key systems and exit devices
- Hard wired, remote release push button capability[2]
- Three levels of user authority
- Normal, toggle, pass through, and freeze credential attributes available
- LED indicator visually communicates lock status

[1] Applies to cylindrical and mortise chassis only

[2] Available on office function locks manufactured after 1/1/2018 with firmware version 2.6.2 or higher

CO-100 electronic lock specifications

Users	500
Credential verification time (keypad only)	≤ 1 second
Visual/audible communications	Tri-colored LED's and audible indicators
Power supply	4 AA batteries (standard off the shelf: included)
Battery life	Up to 2 yrs with 4 AA batteries
Operating temperature - exterior	-31º to 151ºF (-35º to 66ºC)
Operating temperature - interior	32º to 120ºF (0º to 49ºC) due to battery
Operating humidity	0 - 100% non-condensing
Certifications	ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C, UL Canada, FCC Part 15, FL12400[1], FL1591[1], FL13013[1] and FL14482[1] ADA and RoHS

Functions

- Classroom/storeroom
- Office
- Privacy

Standard status signals

- Battery status - indicated by blinking lights
- Access granted/access denied
- Programming commands

Programming and use options

Function code	User level	Description
PIN[2]	Basic	Unlocks the lock momentarily when in a normally secured state.
Programming	Manager/administrator	Initiates all programming actions (can be changed by administrator)
User changes	Manager/administrator	Assigns or deletes user PINs for the lock
Toggle	Manager/administrator	Changes the lock to an unlocked state and back when desired
Freeze	Administrator	Maintains the lock in current state until code is re-entered (cannot be toggled)
Pass through	Administrator	Unlocks the lock momentarily regardless of current state
Other	Administrator	Includes change relock delay period; change PIN length; disable/enable beeper; disable/enable remote release[3]

[1] Applies to cylindrical and mortise chassis only
[2] Credentials can be 3-6 digits in length
[3] Remote release feature available on office function only.

Mechanical specifications

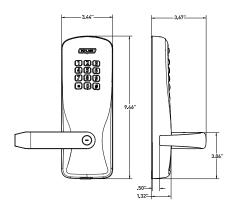| Chassis	Cylindrical	Mortise	Exit trim
Handing	Handed to order, field reversible		
ANSI standard (Meets or exceeds)	A156.25 A156.2 Series 4000 Grade 1	A156.25 A156.13 Series 1000 Grade 1	A156.25 A156.3
Door thickness	1 3/4" standard, 1 3/8" to 2 3/4" optional (available in 1/8" increments)		
Backset	Standard: 2 3/4" Optional: 2 3/8", 3 3/4", 5"	2 3/4" only	Defined by exit device
Latch bolt	Standard: 1/2" throw Optional: 3/4" throw	Standard: 3/4" throw	Provided by exit device
Levers	For lever base metals see lever and cylinder compatibility data sheet (010432)		
Strike	Standard: 1 3/16" lip, ANSI, 1 1/4" x 4 7/8" Optional: Additional configurations available please see price book		Provided by exit device
Cylinder and keys	Schlage 6-pin Everest 29 S123 keyway cylinder with two patented keys standard Additional options available including Standard, SFIC, FSIC and competitor brands. See lever and cylinder compatibility data sheet (010432)		
Exit device compatibility	See CO Series exit trim compatibility data sheet (004183)		

Full cylinder

Full Size Interchangeable Core

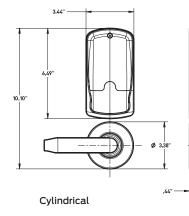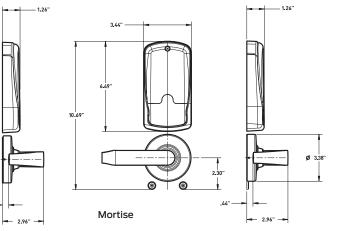Small Format Interchangeable Core

Exterior of the lock

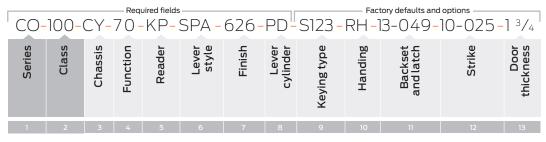**Interior of the lock**

3.44"

3.67"

9.46"

3.06"

.50"

1.32"

3.44"

10.10"

6.49"

1.26"

Ø 3.38"

.44"

2.96"

Cylindrical

3.44"

10.69"

6.49"

1.26"

2.30"

Ø 3.38"

.44"

2.96"

Mortise

Ordering information

Available through one of our GSA schedule 84 approved distributions

Required fields								Factory defaults and options				

CO-100-CY-70-KP-SPA-626-PD-S123-RH-13-049-10-025-1 ³/₄

1	2	3	4	5	6	7	8	9	10	11	12	13
Series	Class	Chassis	Function	Reader	Lever style	Finish	Lever cylinder	Keying type	Handing	Backset and latch	Strike	Door thickness

Selections correspond with the numbers above

Standard options are indicated in bold. See price book for specific configuration options.

3	Chassis
CY	Cylindrical
MS	Mortise
993R	Exit trim – Rim/CVR/CVC
993S	Exit trim – SVR
993M	Exit trim – mortise
993DT	Exit dummy trim

4	Function
70	Classroom/storeroom
50	Office
40	Privacy

5	Reader
KP	**Keypad**

6	Lever

SPA	Sparta
RHO	Rhodes
ATH	Athens
TLR	Tubular

Available with knurled surface

7	Finish
626	**Satin chrome**
605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
625	Bright chrome
643e	Aged bronze
626AM	Satin chrome antimicrobial

8	Lever cylinder type
PD	**Schlage 6-pin full cylinder**

See price book for other SFIC, FSIC and less cores options available. Compatible with Schlage, Sargent, Corbin, Medeco and Yale.

9	Keyway type
S123	**Everest 29**

See price book for other available keyway options including master keying

10	Handing

RH	**Right handed**
RHR	Right handed reverse
LH	Left handed
LHR	Left handed reverse

Field reversible

11	Backset and latch or armor front

Cylindrical

13-049	2 ³/₄" backset, deadlatch, square corner, 1 ¹/₈" x 2 ¹/₄"

Mortise

09-663	Armor front, 1 ¹/₄" wide, square corner

12	Strike

Cylindrical

10-025	1 ³/₁₆" lip, ANSI, no box, 1 ¹/₄" x 4 ⁷/₈"

Mortise

10-072	1 ³/₁₆" lip, 1 ¹/₄" x 4 ⁷/₈" square corner, box

See price book for other available strikes

13	Door thickness

1 ³/₄"

Other thicknesses available between 1 ³/₈" and 2 ³/₄"

See price book for details

Lever styles

Standard cylinders shown, SFIC and FSIC also available.

Sparta

Rhodes

Athens

Tubular

Finishes

Warm tone finishes

605 Bright brass

606 Satin brass

612 Satin bronze

643e Aged bronze

Cool tone finishes

619 Satin nickel

625 Bright chrome

626 Satin chrome

626AM Satin chrome with antimicrobial

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