



# CO-100

## Standalone electronic lock



Images shown are not to scale.

## 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 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 listed, FL12400<sup>1</sup>, FL1591<sup>1</sup>, FL13013<sup>1</sup> and FL14482<sup>1</sup>
- Classroom/storeroom function and office function available
- Chassis options include cylindrical, mortise, and exit trim
- Compatible with most major brands of key systems and exit devices
- Normal, toggle, pass through, and freeze credential attributes available
- LED indicator visually communicates lock status

<sup>1</sup> Applies to cylindrical and mortise chassis only

# 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           | -31° to 151°F (-35° to 66°C)                                                               |
| Operating temperature - interior           | 32° to 120°F (0° to 49°C) 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, ADA and RoHS |

## Functions

- Classroom/storeroom
- Office

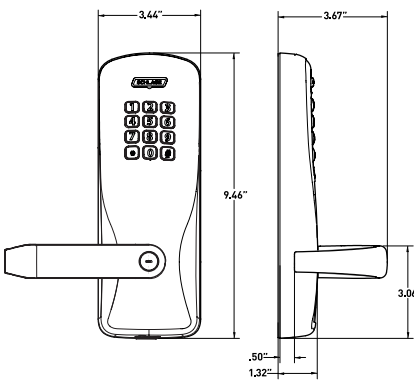
## Standard status signals

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

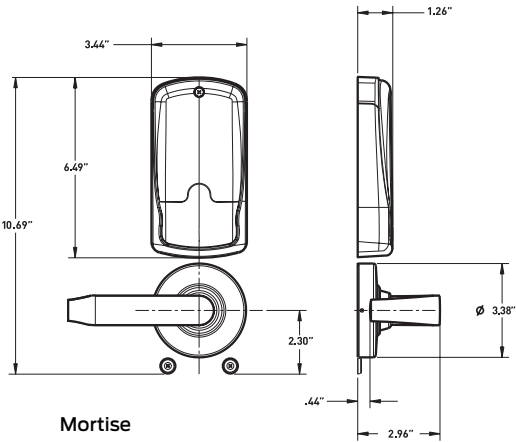
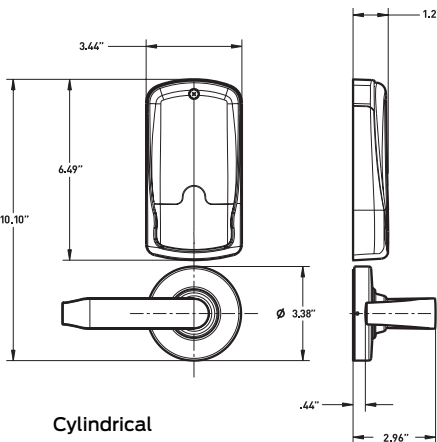
# Manually programmable options

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Credential type           | Function                                                               |
| Programming <sup>1</sup>  | Used to enable programming of the lock. Does not unlock the lock.      |
| Normal use <sup>1</sup>   | Unlocks the lock momentarily when in a normally secured state.         |
| Toggle <sup>1</sup>       | Changes the state of the lock unless in freeze state.                  |
| Freeze <sup>1</sup>       | Maintains the lock in current state until freeze PIN is entered again. |
| Pass-through <sup>1</sup> | Unlocks a lock momentarily, regardless of state.                       |

## Exterior of the lock



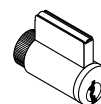
## Interior of the lock



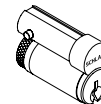
<sup>1</sup> Credentials can be 3-6 digits in length

## Mechanical specifications

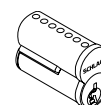
| Chassis                             | Cylindrical                                                                                                                                                                                                                  | Mortise                                   | Exit trim               |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------|
| Handing                             | Handed to order, field reversible                                                                                                                                                                                            |                                           |                         |
| ANSI standard<br>(Meets or exceeds) | A156.25<br>A156.2 Series 4000<br>Grade 1                                                                                                                                                                                     | A156.25<br>A156.13 Series 1000<br>Grade 1 | A156.25<br>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"<br>Optional: 2 3/8", 3 3/4", 5"                                                                                                                                                                             | 2 3/4" only                               | Defined by exit device  |
| Latch bolt                          | Standard: 1/2" throw<br>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"<br>Optional: Additional configurations available<br>please see price book                                                                                                       |                                           | Provided by exit device |
| Cylinder and keys                   | Schlage 6-pin Everest 29 S123 keyway cylinder with two patented keys standard<br>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

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

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                  |
| 5     | Reader                  |
| KP    | Keypad                  |
| 6     | Lever                   |
| SPA   | Sparta                  |
| RHO   | Rhodes                  |
| ATH   | Athens                  |
| TLR   | Tubular                 |

Available with knurled surface

| 7                                                                                                                                | Finish                      |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>626</b>                                                                                                                       | <b>Satin chrome</b>         |
| 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                                           |                                                                  |
| <b>13-049</b>                                         | <b>2 3/4" backset, deadlatch, square corner, 1 1/8" x 2 1/4"</b> |
| Mortise                                               |                                                                  |
| <b>09-663</b>                                         | <b>Armor front, 1 1/4" wide, square corner</b>                   |
| 12                                                    | Strike                                                           |
| Cylindrical                                           |                                                                  |
| <b>10-025</b>                                         | <b>1 3/16" lip, ANSI, no box, 1 1/4" x 4 7/8"</b>                |
| Mortise                                               |                                                                  |
| <b>10-072</b>                                         | <b>1 3/16" lip, 1 1/4" x 4 7/8" square corner, box</b>           |
| See price book for other available strikes            |                                                                  |
| 13                                                    | Door thickness                                                   |
| <b>1 3/4"</b>                                         |                                                                  |
| 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



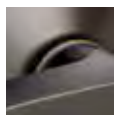
605  
Bright brass



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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## About Allegion

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