



# CT5000

Offline controller



## Overview

The CT5000 is an offline single opening controller designed for applications where the security and convenience of offline electronic access control is desired, but an integrated electronic lock may not be practical. It is an ideal solution for narrow stile aluminum store front applications because it can work with a variety of readers, as well as interface with peripheral devices such as automatic operators, electric strikes, and electromagnetic locks.

The CT5000 is compatible with many brands and types of credential technologies including magnetic stripe (tracks 1, 2, and 3), 125 kHz proximity, and 13.56 MHz smart cards. It also supports a variety of card functions including: normal, toggle, freeze, pass through, construction, lockdown and card + PIN applications.

As a complement to your facility's portfolio of CO Series and AD Series devices and networked readers, CT5000 is also capable of upgrade should your needs change to a wireless networked solution.

With the addition of a networked communication board and upgraded firmware, the CT5000 becomes a wireless reader interface capable of communicating via 900MHz signal to an AD Series PIM400. As a wireless reader interface, it can connect to your networked access control system, eliminating the need to run additional wires to the door, saving you time and money on installation.

## Features and benefits

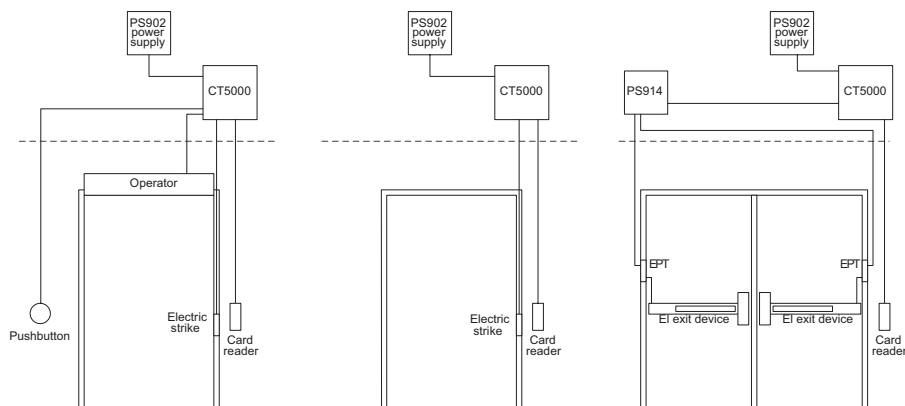
- Three form C relay outputs and three inputs that can include door position and request to exit
- CT5000 strike relay can be configured to fail safe or fail secure
- Upgradable to a wireless reader interface configuration to allow networked communication as your security needs evolve
- Supports up to two parallel Wiegand or Clock & Data reader inputs on a single opening
- Programmable via Schlage® handheld device (HHD) with USB connection or by compatible keypad
- Includes a 15' cable and wallplate connection to enable HHD programming from a remote connection point with a 125' cable option available
- Up to 5000 unique users<sup>1</sup> with audit trail of up to 5000 events<sup>1</sup>
- Up to 16 holidays and 8 time zones enables auto lock and unlock during specified periods with Schlage Express software use
- Door monitoring capable including door position and request-to-exit (remote release)

# CT5000 offline controllers

The CT5000 can be used for front door applications with an automatic operator, electric strike and card reader

For narrow stile applications, the CT5000 can be used with an electric strike and card reader

The CT5000 and a card reader along with the Von Duprin 914 Power Supply can control two EL exit devices for double door applications



Note: PS902 and Von Duprin PS914 are sold separately.

## CT5000 offline controller specifications

Users	Up to 5000	
Audits	Up to 5000	
Power supply	12 VDC or 24 VDC (sold separately, must be UL 294 Class 2 listed power supply)	
Voltage range	9.5 VDC to 26 VDC	
Connector cable specifications	DC power input	18AWG, 2 conductor (Belden 8760 or equivalent) up to 1000 ft (305 m)
	Credential readers (x2)	Data signals: 22AWG, 6 conductor (Alpha 1296C or equivalent) up to 500 feet (152 meters) Reader tamper signals: 18AWG, twisted pair shielded (Belden 8760 or equivalent) up to 500 feet (152 meters)
	Strike/aux relay outputs	18AWG, 2 conductor (Belden 8760 or equivalent) up to 2000 feet (610 meters)
Relay output tolerances	Strike output relay	Form C relay; 6 amps @ 24VDC or 6 amps @ 20 VAC or 3 amps @ 240 VAC
	Auxiliary output relay	Form C relay; 6 amps @ 24VDC or 6 amps @ 20 VAC or 3 amps @ 240 VAC
	Alarm output relay	Form C relay; 6 amps @ 24VDC or 6 amps @ 20 VAC or 3 amps @ 240 VAC
Operating temperature	-31°F (-35°C) to 151°F (66°C)	
Operating humidity	0 - 100% condensing	
Certifications	UL 294; Canada UL; FCC Part 15; RoHS	
Dimensions	10.43" x 7.28" x 3.79" 26.49 cm x 18.49 cm x 9.63 cm	
Programming method	Manually programmed via compatible keypad or computer programmed via SUS software on the Schlage handheld programming device (HHD)	
Optional accessories	125 foot USB remote cable connector, PS902, PS904 or Von Duprin® PS914 (sold separately)	

## Credential compatibility (software and reader dependent)

Magnetic stripe card	Field configurable track 1, 2, or 3
Proximity card	Schlage, ISONAS® (34X, 35X, 35C, 37X bit formats), HID®, GE/CASI ProxLite™ and AWID® 26 bit format
Smart card	Schlage smart cards featuring MIFARE DESFire™ EV1, HID ICLASS® CSN only 26 bit format

The following readers are UL 294 listed for use with the CT5000:

- Essex Electronics model KTP-162
- Mercury Security models MR-5 and MR-20
- Schlage model PR10
- Schlage models MT11, MT15, MTK15, MTMS15, MTMSK15, and SM10

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit [www.allegion.com](http://www.allegion.com).

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN



© 2020 Allegion  
004016, Rev. 2/20  
[www.allegion.com/us](http://www.allegion.com/us)