CT5000
Offline Controllers

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 automatic operators, electric strikes, and electromagnetic locks.

The CT5000 supports up to two separate Wiegand reader inputs. It is compatible with many types of credential technologies. The CT5000 has three form C relay outputs, for strike, auxiliary and alarm. It also has three inputs that include door position and request-to-exit.

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.

The CT5000 offline controller has the unique ability to be programmed locally via keypad or via the Schlage Handheld Programming Device. The CT5000 is compatible with Schlage SMS Express, Premier or Enterprise access control software. The CT5000 compliments your facility's portfolio of CO-Series and AD-Series devices along with all of your other networked readers.
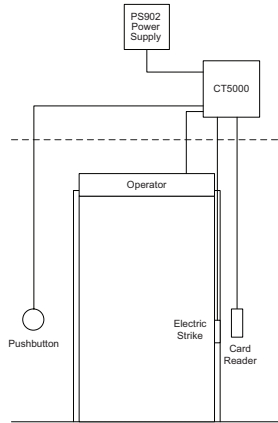
If networked functionality is required in the future, the CT5000 can be upgraded. With the addition of a networked communication board and upgraded firmware, the CT5000 becomes a wireless reader interface (WRI400). The WRI400 communicates via 900MHz wireless signals to an AD-Series PIM400 which connects to the networked access control system. The WRI400 eliminates the need to run additional wires to the door, saving you time and money on installation.
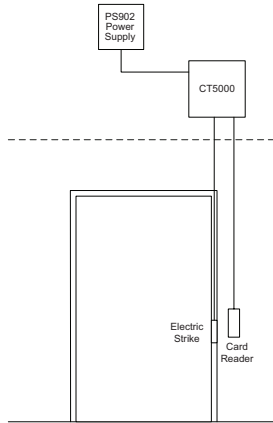
Features

- Supports up to 5000 users and 5000 audits
- UL 294 listed
- Includes 15 foot USB remote cable connector and decorative wall plate with USB input
- Supports up to two wiegand reader inputs
- Programmed using Schlage Handheld Device (HHD) via USB connection or compatible keypad
- Requires 2 Amp power supply, such as the Schlage PS902 (sold separately)
- Compatible with Schlage SMS Express, Select, Premier or Enterprise access control software
- Request-to-exit (remote release)
- LED visual indicators (including low battery and state of the relay)

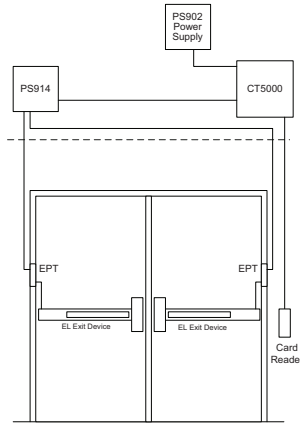**Ingersoll Rand**
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The CT5000 can be used for front door applications with an automatic operator, electric strike and card reader

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 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		-31ºF (-35ºC) to 151ºF (66ºC)
Operating Humidity		0 - 100% condensing
Certifications		UL 294, Canada UL, FCC Part 15, Canada RSS-210, 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
125 kHz Proximity Card	Schlage, XceedID™ (34X, 35X, 35C, 37X bit formats), HID®, GE/CASI ProxLite® and AWID® 26 bit format
13.56 MHz Smart Card	aptiQ™ smart cards featuring MIFARE DESFire™ EV1 HID iClass® CSN only 26 bit format

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