



928 EntryCheck™

928 Keypad - 480 Users

The SDC 928 EntryCheck™ is a stand alone digital keypad designed to control access of a single entry point for facilities with up to 480 users. Each user is assigned a personal identification number (PIN). Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock.

Operation

Verification of key presses is provided by audible and tactile feedback. If the user presses a wrong key, the * key can be used to reset and start over. When a valid PIN is entered, the LED indicator turns from red to green and the programmed relay activates for the programmed time. Too many incorrect PIN entries will lock out the keypad. Keypad lockout is indicated by a yellow LED. An anti-passback feature prevents use of the same code twice before a programmed time period elapses. The EEPROM memory retains all entry codes and programming during a power failure.

Outputs

The EntryCheck™ features four independent outputs with four independent timers. Outputs #1 and #2 are Form "C" relay contacts. Outputs #3 and #4 are solid-state open collector outputs, short to common, which may be used to signal forced entry, door ajar, lockout, shunt alarms, request to exit or keypad active conditions.

Features

- Keypad programmable
- 480 user codes
- 1 to 6 digit user codes
- 4 independent outputs
- 4 independent timers
- 2 Form C relay contacts
- 2 solid state open collector outputs
- Program entry codes to activate one or two relays
- Disable input
- Door sense input
- Request-to-exit/enter input
- Keypad tamper lockout
- Timed anti-passback
- Anti-tailgate
- Two LED status indicators
- Tactile key feel
- Audible code entry verification
- 12 or 24V, AC or DC operation



SECURITY DOOR CONTROLS

www.sdcsecurity.com E-mail: service@sdsecurity.com



Operating Features

- **System reset**
- **Entry code length, 1 to 6 digits**
- **Adding a new PIN**
- **Erasing a single PIN**
- **Erasing all PINs**
- **Changing the master programming code**
- **On-time for each of the four outputs**
- **Beep sounds on key presses**
- **Beep sound during each of the four outputs activation time**
- **Keypad lockout after specified number of incorrect PIN attempts, from 2 to 7**
- **Anti-passback time period from 1 to 4 minutes or no anti-passback protection**
- **Anti-tailgate**
- **Alarm shunt output**
- **Forced entry output**
- **Door ajar output**
- **Door sense/inhibit input**
- **Keypad lockout output**
- **Keypad active output**

Programming Options

Several input and output options are available, including: a door sense/disable input, when programmed for "Door Sense", a door status switch detects forced entry or door ajar. When programmed for "disable" the input may be wired to a maintained switch or automatic timer that will disable relay #1. The EntryCheck™ also has a request-to-exit/enter input for connection to an exit switch or fire access keyswitch for fire/emergency access.

When access is granted, the alarm shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.

Specifications

Dimensions:	3.125"W x 5.125"H x 1.5"D
Voltage:	12/24VDC or AC (ac supply must be transformer isolated)
Current:	10 mA typical, 150 mA maximum
Outputs:	Relay #1, SPDT, 5 Amps @ 24V Relay #2, SPDT, 1 Amp @ 24V Output #3 and #4, solid state open collectors, short to common 100 mA @ 30VDC
Temperature:	-22°F to + 149°F (30°C to + 65°C)
Humidity:	5% to 95%, non-condensing

