



EntryCheck™ 918/920

918/920 Keypad - 480 Users

The SDC 918 and 920 EntryCheck™ are stand alone digital keypads 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.

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

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.

Specifications

Dimensions	3"W x 4-3/4"H x 1-1/2"D
Voltage	12/24 VAC/DC
Current	10mA typical, 150mA maximum
Outputs	Relay 1 - Form "C", 5 Amps @ 24VDC Relay 2 - From "C", 1 Amps @ 24VDC Outputs 3 & 4 - Switch to common, 100mA @ 30VDC
Temperature	-20°F to + 130°F (-30°C to + 54°C)
Humidity	5% to 95% non-condensing



918 EntryCheck™



920 EntryCheck™

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
- 2mm S.S. plate
- 918 indoor only; 920 indoor/outdoor applications
- Audible code entry verification

SECURITY DOOR CONTROLS

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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 a programmed period of 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

Programming Options

The 918 and 920 EntryCheck™ includes a Door Sense/Inhibit Input feature. When programmed for "Door Sense", a door position switch wired into the input and detects a "forced entry" or "door ajar" condition. When programmed for "Inhibit Input", a maintained switch or automatic timer wired into a the input will disable the activation of the main relay.

The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.

