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EntryCheck™ 931 Digital Keypad

Electronic Piezoelectric Keypad

Door Access Control
Indoor/ Outdoor High Security
Heavy Duty Vandal Resistant

The 931 EntryCheck™ touchpads are unsurpassed in their ability to tolerate virtually any environment. The fully weatherized touchpads use piezoelectric technology that ensures that the system will perform reliably whether installed inside or exposed to extreme outside weather conditions.

Vandal and Tamper Resistant
The touchpads are highly tolerant of physical abuse. The separate micro-processor based controller contains all inputs and relay outputs. Being located in a separate location security is higher, eliminating the possibility of tampering.

Features

6 User Codes
Master Programming & User Code
Only the holder of the master code can program the EntryCheck. The master code may be used as a sixth access code.

Five User Codes
Five Personal Identification Numbers (PIN Codes) may be programmed.

Code Length
PIN codes may be 3-8 digits in length.

Tamper Alarm
25 incorrect key presses activates an alarm tone and locks out touchpad operation for 30 seconds.

Door Open Time
The momentary door unlock time is programmable from 1 to 120 seconds.

Non-Volatile Memory
All programming is maintained during a power outage.

Request-to Exit
The REX input provides remote unlock capability by, a remote station, exit switch or exit sense bar.

Anti-Tailgating
Connecting a door contact, latchbolt monitor or magnetic door status switch to this input, locks the door immediately on closure, overriding the programmed door open time.

Two Relay Outputs
While one relay output may be designated for momentary door unlocking, the second relay output may be designated for one of the following: Two Door Operation; Latching; CCTV Activation or Doorbell Activation.

Two User Groups
Group 1- Users 1 & 2, Group 2- Users 3, 4, and 5. Each user group may be designated to operate Relay #1 or Relay #2 in applications such as two door operation and latching.

One of the following features may be selected on installation

Latching
Entering a valid PIN code followed by #7 latches the system "**Off**" (unlocked). Repeating this procedure latches the system "**On**" (locked). This function may be designated for use by one of two different user groups i.e Users 1& 2 or Users 3, 4 and 5.

CCTV
When one of the relay outputs is designated for CCTV activation, pressing any button, the first number of a PIN code or tampering with
buttons triggers a 10 second output.

Doorbell Activation
When a relay is designated for doorbell activation, pressing "#" triggers a 1 second output. A KP-3 or KP-4 keypad is required.

Single Door System with 1 or 2 Touchpads and 1 Controller

The 931 EntryCheck™ will control a single opening with a single pad on the exterior. Egress is accomplished by the turn of the inside knob or lever or activation of an exit switch, Exit Sense bar or motion detector. An additional touchpad may be added to the interior for high security applications.

Battery Backup

SDC 600 series power supplies provide power for both the locking device and EntryCheck™. Battery back-up capability is standard to ensure continued operation during a power failure.
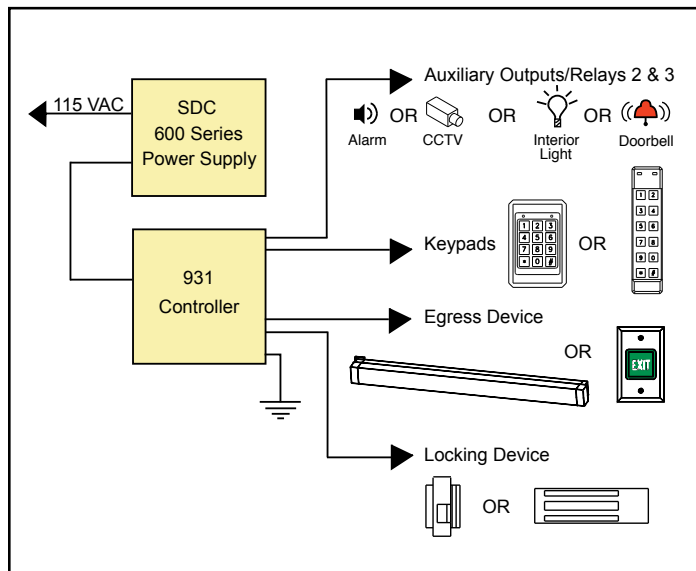
KP-3U

KP-4U

Touchpad Styles

KP-3U Narrow 2 x 6 frame mount, 12 button, black with stainless steel overlay, red and green LED's

KP-3AP Wall mount adapter plate for mounting KP-3 touchpad to single gang box

KP-4U Single gang 3 x 4 matrix, 12 button, stainless steel

Standard EntryCheck Models

Models below include: Controller; Touchpad; 15 ft Cable
931 x KP-4U   **931 x KP-3U**

[Diagram: SDC 600 Series Power Supply and 931 Controller connections]

115 VAC — SDC 600 Series Power Supply

931 Controller

Auxiliary Outputs/Relays 2 & 3
Alarm OR CCTV OR Interior Light OR Doorbell

Keypads OR

Egress Device OR

Locking Device OR

Additional Touchpad

When an additional touchpad is required, order the touchpad with the **TWC-15** -15 ft touchpad cable.

931 Controller Specifications

Voltage Input
12 to 24V AC/DC

Standby Current Draw
12V-10mA / 24V-25mA
Operation Current Draw
250mA @ 12 or 24V

Relay Outputs
Two SPDT Dry Contacts

Operating Environment
-40° F to +120° F (-40° C to +49° C)
98% Humidity non-condensing

Controller Dimensions
7-1/2"H x 5-1/2" W x 2-1/2"D
(191 x 140 x 64mm)

Touchpad Specifications

Operating Environment: -40° F to +160° F (-40° C to +70° C)
KP-3U: 7-1/8"H x 1-3/4"W x 5/8"D   (181 x 44 x 16mm)
KP-4U: 5-1/8"H x 3-3/8"W x 7/16"D (130 x 86 x 14mm)