

Keyscan WSSKP-1

Wiegand keypad

dormakaba 



An affordable alternative or temporary reader

Simple, convenient Wiegand keypad

For use with any Keyscan Access Control System

The WSSKP-1 keypad provides an alternative to card readers and may be connected to any Keyscan control unit or other manufacturer's control unit that supports a Wiegand standard 26-bit format as an input signal.

The WSSKP-1 can also be used conjointly with a proximity reader. Generally, this applies to a retrofit where a keypad or reader already exists. The WSSKP-1 has standalone capabilities storing up to 28 PIN codes, which can be used to activate an alarm panel for arming and disarming, locking and unlocking a door, or triggering a video surveillance system.

You may use the keypad for both a Wiegand signal and a digital output. The WSSKP-1 is a rugged, water-resistant, stainless steel unit and may be installed indoors or outdoors.

- 2 types of Wiegand outputs
- Digital output triggering – standalone operation
- Duress code
- 3 to 5 digit PIN codes
- Fast, easy, trouble-free installation
- Wall switch dimensions
- Braille keys
- Stainless-steel finish for durability that matches almost any decor
- Simple to use commands allow maximum flexibility

The unit may produce various outputs such as:

- Keyscan proprietary 36-bit Wiegand format when connected to a Keyscan controller
- Standard 26 bit Wiegand format when connected to another manufacturer's controller.
- Standalone operation with digital output triggering which may be used to activate relay or door locking hardware to a maximum load current of 500 mA at 12 VDC.
- Suitable for light to moderate, commercial and industrial applications.

Features and Benefits

- Simple programming permits use in many different types of installations from single door (low and moderate security) to sophisticated CCTV and access control systems whether it is a retrofit application or a new installation.
- Since the WSSKP1 supports industry standard 26 bit Wiegand data or proprietary Keyscan 36 bit format, it can be used with either a Keyscan ACU or with alternate control units supporting standard 26 bit data.
- Three digit facility codes can easily be activated for installations using site or facility codes from 001 to 255.
- Braille keypad permits use in premises that are accessible to visually impaired.
- In stand alone applications, PIN's can be set up to be either 3, 4 or 5 digits to suit the customer's security requirements.
- Any single PIN can be changed OR all PINs can be deleted with simple keypad command sequences for stand alone applications.
- Can be programmed to trigger a CCTV input prior to the host unlocking the controlled entry point.
- As many as 28 distinct PIN codes can be programmed into the WSSKP1 for stand alone operation

Applications

- A standalone unit to control access at a single entry point whether it be a standard electric lock requiring sustained power for a predetermined time or momentary activation for parking gates.
- Part of an integrated access control system to pass user PINs in Wiegand format to a host for verification and authorization.
- Part of an integrated CCTV and access control system to trigger a camera while passing user PIN to the host system for verification and authorization.
- A replacement keypad reader in retrofit installations using industry standard 26 bit Wiegand encoded data

Specifications

Operating Voltage	• 12VDC
Current Draw	• Keypad 30 mA – no digital output (orange wire not used) • Digital output 530 mA (orange wire used)
Dimensions	• 7.5 cm (W) x 11.4 cm (L) x 1.8 cm (D) (2 15/16" x 4 7/16" x 11/16")
Cables	• 6 conductors shielded 22 AWG • Maximum cable distance – 152.4 m (500 feet)
Operating Temperature	• -30°C to + 65°C (-22°F to +149°F)
Relative Humidity	• 5% to 95% Non-Condensing

© dormakaba Canada Inc. (2019). Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.

dormakaba Canada Inc.
901 Burns St., E.,
Whitby, Ontario
Canada L1N 0E6

1 888 539 7226

www.dormakaba.ca

KKT2054 2019-02