Javelin S874-KP
Smart Card Reader

Datasheet

KEY FEATURES

- Smart card access control card reader with keypad for a wide range of security applications

- Designed to fit most standard electrical back boxes

- Reads MIFARE® Classic, MIFARE® Plus, DESFire EV1, EV2, PIV, TWIC and FRAC smart cards

- Supports DESfire EV3 cards in backwards compatibility mode

- Secure, bi-directional, pseudo-random supervised MCLP communications

- Wiegand output

- Maximum read range of 1" (25mm) dependent on card

- Integrated door pre-held warning buzzer

- Multi-tone audio sounder for access granted, denied and PIN prompt

- LED feedback for verification of card accepted or rejected

- Three color LED alert status indication

- Backlight dim energy saving

The Javelin S874-KP is a smart card reader with keypad for integrated access control. The attractive, contemporary black and silver finish is designed to complement any office or building environment.

The Javelin S874-KP reads NXP MIFARE®, MIFARE® Plus, MIFARE® DESFire and MIFARE® DESFire EV1 smart cards, in addition to PIV, TWIC and FRAC cards.

The Javelin S874-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software.

The card reader keypad is backlit for ease of use and power saving modes can reduce the lighting level when the card reader is not in use.

The Javelin S874-KP uses secure, bi-directional, pseudo-random supervised MCLP communications to the door controller. Both the card reader and cable are supervised, and an alarm will be generated if the card reader is tampered with, or communications lost.

Wiegand communication is also supported between the card reader and controller.

SPECIFICATIONS

Model Types

- Javelin S874-KP - smart card reader with integrated keypad

Communicating Distances

- All Symmetry door controllers to Symmetry S874-KP (MCLP) = 3000 ft/1000m
- All Symmetry door controllers to Symmetry S874-KP (Wiegand) = 500 ft/150m

Dimensions Inches (mm)

- Width = 3.5" (85mm)
- Height = 4.4" (113mm)
- Depth = 0.9" (23mm)

Operating Environment

- -13°F to +158°F (-25°C to +70°C)
- 15% to 90% humidity, non-condensing

Note: These readers are not designed for harsh weather environments.

If increased weather resistance up to IP67 is required then please use the following models instead:

- S874-EX-KP
- S870-EX-KP

Power Requirements

- Nominal 12VDC (9-14V)
- Maximum current consumption 120mA

APPROVALS

Radio Regulatory Approvals

- FCC CFR47 Part 15C
- EN 302291

EMC Type Testing

- EN 301489

Access Control Product Testing

- IP44: R & TTE Directive 1999/5/E
- UL 294

PURCHASING INFORMATION

- 874-KP Javelin card reader with keypad – smart card

3.5" (85 mm)

4.4" (113 mm)

SYMMETRY

3.5" (85 mm)

0.9" (23 mm)