PROX READER / KEYPAD FK-640

Utilizing proven digital radio frequency identification (RFID) technology, RBH FK-640 Proximity Reader and Keypad may be mounted directly to standard single-gang US wall-boxes, and is ideal for applications requiring an access credential and/or personal identification number (PIN), such as high security dual verification.

Keypad data is transmitted via the reader's data lines in either an 8-Bit Burst or 26-Bit Wiegand data format. The alpha-numeric keypad itself makes use of a durable (no moving parts), non-mechanical capacitive technology. Enhancements include tactile feedback, and a raised 'pip' on the 5-key for use by visually impaired individuals.

Mounting is simplified with horizontal and vertical mounting slots, instead of holes, which allow the reader to be conveniently adjusted and leveled. To allow both indoor and outdoor operation the electronics are sealed in tamper resistant epoxy potting. This unit is IP67 Rated.

Features :

Backlit keypad makes it easier to use in darker areas

Light behind key 5 always stays on to guide you

Tri color LED for a more informed user interaction

Externally controlled built-in piezo sounder

Included :

Configuration card (8/26 bit, etc.)

Interchangeable covers (off-white and black)

- **Compatible with all standard access control systems**
- **Best-in-class read range**
- **Field configurable**
- **Fits single-gang US wall-box**
- **Back-lit keypad**
- **Tactile feedback**
- **Internal Piezo Sounder**
- **Tri-color LED standard**
- **Multiple Wiegand formats***
- **Optional additional format compatibility**
- **Many additional features...**

*Call for a complete list of compatible formats

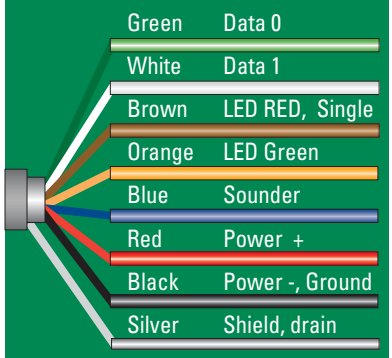
FK-640

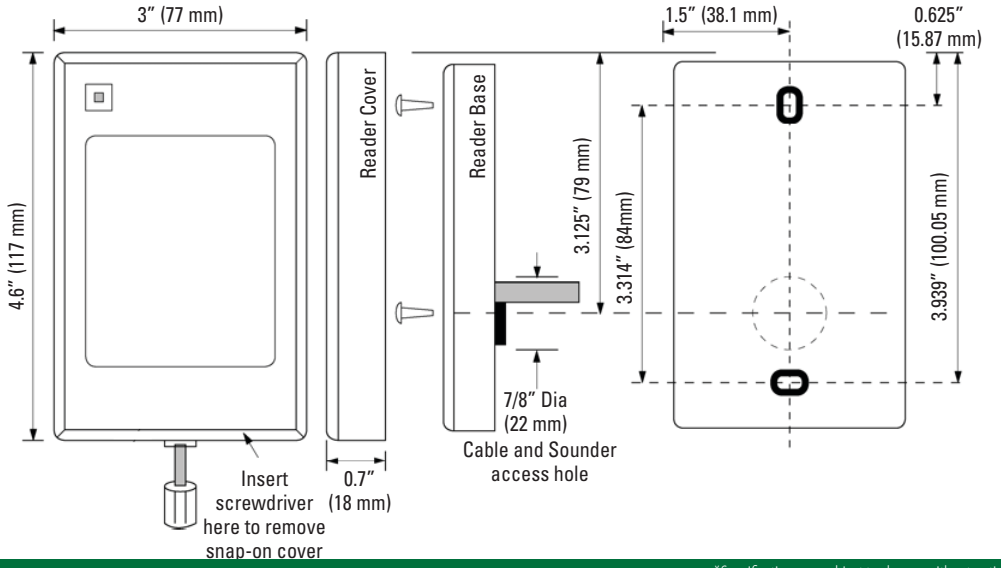
SPECIFICATIONS

RBH-FK-640

Frequency :	125 kHz Compatible credentials: 125 KHz AWID
Reader Data Formats :	Wiegand (26 bit and other formats) Call for a complete list of compatible formats
Keypad Data Formats :	Field configurable, 8-Bit Burst (default) and 26-Bit Wiegand
Visual annunciation :	Tri-color LED, "LED off" function
Audio annunciation :	Built-in piezo sounder
Mounting :	Directly on metal, single-gang US wall-box
Size :	4.6" x 3" x 0.7" (117 x 77 x 18 mm)
Weight :	4 oz. (113 g)
Operating Temperature :	-40° F to +149° F (-40° C to +65° C)
Read range @ 125 KHz : (under ideal conditions)	Clamshell Prox Card - Up to 6 inches (152 mm) Printable Prox Card - Up to 4 inches (102 mm) Proximity Key Fob - Up to 3 inches (76 mm) Adhesive Proximity Tag - Up to 3 inches (76 mm)
Optional: Additional format compatibility Additional MIFARE compatibility	 p/n FK-640-H Compatible credentials: 125 KHz p/n FK-640-M Compatible credentials: 13.56MHz MIFARE (read range will vary)
Wiring :	500' (152 m) max, 18-22 AWG, 6-7 conductor shielded cable
Operating voltage :	+5 to 14 VDC
Power draw :	50 mA typical, 115 mA on card read, 30 mA (@5 VDC & LED off)
Included in the box :	Prox reader/keypad, configuration card, black or off-white covers, manual
Warranty :	Limited 5 year warranty against defects in materials and workmanship
Certifications :	IP67 rated Industry Canada Industrie Canada

WIEGAND





*Specifications are subject to change without notice.

RBH ACCESS

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