Electrified Exit Device
with Smart Reader-Controller

- ANSI Grade 1 Electrified Exit Escutcheon trim allows remote keyless access control with the Reader-Controller
- INOX Smart APP is easily integrated for iOS and Andriod, supporting multi-level user roles and permissions
- Smart control until with BLE/RFID authentication capabilities
- High Frequence RF13.56 MHz Fob, Card or Wristband
- Electrified Escutcheon controls locking/ unlocking of the lever with low power draw

ISK-B300 SPECIFICATIONS

Keypad	Backlit Digital Touchscreen
Style	Mullion
Frequency	125KHz / 13.56MHz
Input Voltage	12/24 V DC
RF Output	13.56MHz or 125kHz (reader) 26-Bit Wiegand
Read Interface	EM / MIFARE
Read Range	~3/4" to 2-1/2"
Working Current	<80mA (12V) ~<40mA (24V)
Idle Current	<30mA (12V) ~<20mA (24V)
Pin Length	4-8 digits
User Capacity	2000 Total (1000 RF/Passcode + 1000 Mobile)
Working Humidity	0% to 98%
Working Temperature	-20° F to 140° F
Dimension	5-7/8" x 1-3/4" x 7/8" 150mm x 44mm x 22mm
Material	Die Cast Metal

APPLICATION

The INOX ISK-B300 Smart Keypad is designed for high frequency openings. It seamlessly integrates with any hardwired electrified door hardware. These openings might include: building entry, emergency exit, pool gate, gym, or laundry room.

FEATURES

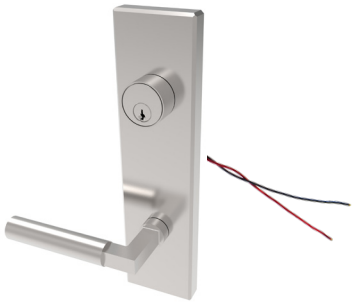
- Extended Access Control with Electified Cylindrical Lockset
- Multi-credential support: Passcodes, RFID FOB/Card/ Wristband, and Smart Phone
- Passage Mode: Enjoy free access during scheduled periods
- Privacy Mode: Keep privacy and security when needed
- Modern, water-resistant indoor/outdoor touchscreen keypad with IP66 rating
- Simple Touch-to-Lock Digital Keypad, for secure opening
- Audit trails with 100,000 records shows all Lock and Unlock activities
- Part of the INOX Smart Ecosystem that supports unlimted properties, doors and devices

ITEM CODE

- **ISK-B300-BK** [Black]
- **ISK-B300-AL** [Aluminum]

ELECTRIFIED LOCK PAIRED WITH ISK-B300 SMART READER CONTROLLER WITH KEYPAD

ELECTRIFIED TRIM



FUNCTION

NL-EL

Storeroom Electronically Locked (Fail Safe)

Outside lever LOCKED electronically (EL). Switched power (de-energized) allows outside lever to retract latch. Loss of power will cause outside lever unlocked (Fail Safe). Outside key momentarily unlocks outside lever to retract latch. Inside push pad of exit device is always free for immediate egress

NL-EU

Storeroom Electronically Unlocked (Fail Secure)

Outside lever UNLOCKED electronically (EU). Switched power (de-energized) locks outside lever. Loss of power will cause outside lever locked (Fail Secure). Outside key momentarily unlocks outside lever to retract latch. Inside push pad of exit device is always free for immediate egress

SPECIFICATIONS

Voltage Requirement	12 V AC/DC or 24V AC/D
Amperage	250mA @12V or 150mA @24V

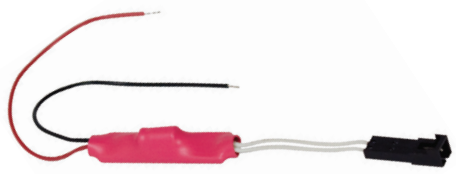
SWITCH

REE - Request to Enter Switch

Request to Enter (REE) Switch can be added to the Exit Device escutcheon trim. It is a SPDT (single pull, double throw) switch that sends a signal to alert the control panel that the door is about to be opened by someone intending on entering a secured area.

OPTIONS

CRU12i - Current Reduction Unit



A current reduction unit is recommended in “continuously on” applications to reduce heat and extend solenoid life The unit intelligently detects 12V to 30V AC/DC input voltages and converts it to a dynamic voltage to power a 12V DC solenoid efficiently. This eliminates the need for manual current adjustment, and increases the life of solenoid. Energizes 12V locking devices only

MOTOR DRIVEN LATCH RETRACTION (QLR)

APPLICATION

- Electric Latch Retraction feature allows for remote unlatching of exit device. It gives remote keyless access control in high traffic conditions where exit devices are required, such as hospitals, airports and schools. They are also commonly used with automatic door operators
- The Motor Driven latch retraction (QLR) exit device uses electronic motor technology, which allows faster, quieter and smoother latch pullback compared to the solenoid activated latch retraction
- Motor technology use a substantially lower pulse of current (compared to solenoid activated devices) to retract latch bolt, and using even less power to hold them retracted. It's a perfect choice for hospitals, libraries and any area that requires reduced noise

FUNCTION

- Exit device with QLR retracts the latch bolt by power either momentarily or for extended periods of time, allowing for outside access or auto operator integration. When power is out, the device and latch are secured (Fail Secure). Inside push pad of exit device always allows for emergency egress
- Motor driven electric latch retraction (QLR) function is available for ED93 Series Rim, SVR and mortise devices

SPECIFICATIONS

Voltage Range	22 to 30V DC system protection (unit shuts down when voltage exceeds 30V DC)
Current Draw	1 A for 400ms, 125mA holding (dogged) thereafter electronic travel adjustment approximately 1/4"

SWITCHES

A variety of monitoring switches are available for INOX exit devices. All switches are SPDT (single pull, double throw) and available for the following applications either installed with ED93 exit device or as kits

REX - Request-to-Exit Switch

Request-to-Exit switch sends a signal to alert the control panel that the door is about to be opened by someone intending on entering a secured area

LBM - Latchbolt Monitor Switch

Latchbolt Monitor switch sends a signal to control panel to monitor the position of latchbolt