



## Electrified Cylindrical with Smart Reader-Controller

- Commercial Grade 1 Electrified Cylindrical lock allows remote keyless access control with the Reader-Controller
- INOX Smart APP is easily integrated for iOS and Android, supporting multi-level user roles and permissions
- Smart control until with BLE/RFID authentication capabilities
- High Frequency RF13.56 MHz Fob, Card or Wristband
- Cylindrical lock can be configured as EL or EU as part of an access control system

### ISK-B300 SPECIFICATIONS

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

### ITEM CODE

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

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# ELECTRIFIED LOCK PAIRED WITH ISK-B300 SMART READER CONTROLLER

## FEATURES & FUNCTIONS OF ISK

### Bluetooth Reader with Digital Keypad



- Communicates with smartphone, Wi-Fi gateway or POE gateway through low energy Bluetooth technology
- Supports 1000 mobile credentials per device and 1000 RFID or Passcodes credentials or APP programmable passcodes
- Authorized users can create, edit, or remove three types of passcodes - system-generated, user-defined, or one-time passcodes - from the intuitive INOX Smart APP

### Online and Offline RFID reader



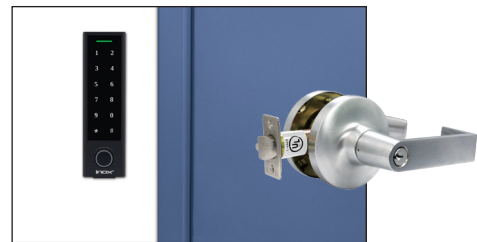
- Supports secure 13.56MHz RFID such as FOB, Cards or Wristband
- Authorized users can add, edit or remove RFID credentials through the INOX Smart App
- Operates offline by storing authorized credentials locally, making it a more robust solution for environments with intermittent network connectivity

### RFID Registration and Enrollment Device



- The ISK-B300 is an RFID registration/enrollment device
- Registers new RFID cards or FOB without requiring additional encoder equipment
- Associates the RFIDs with permissions and customized schedules in a cloud-based database
- Authorized users can remove or edit RFID information on the cloud and devices using INOX Smart APP

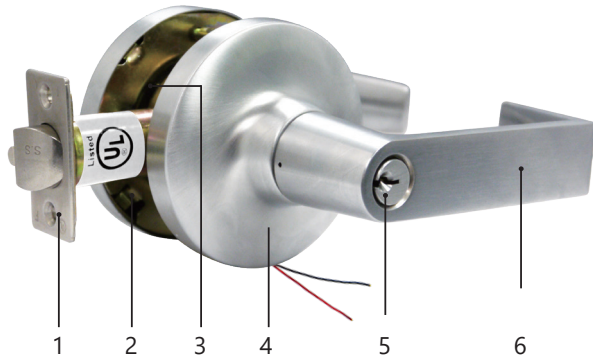
### Smart Relay Controller



- The ISK-B300 comes equipped with a built-in SPDT relay that has a programmable hold delay
- It seamlessly integrates with various access control hardware such as electrified mortise locks, cylindrical locks, electrified exit device trim, electric strikes, and maglocks
- The relay hold time is adjustable via the app, ranging from 5 seconds to 5 minutes, which supports ADA accessibility

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## CYLINDRICAL LOCK



1. UL 3 hour rated 1/2" Throw deadlatch completely reversible for flat and beveled doors with a Stainless Steel latch bolt
2. Concealed screw mounting
3. Cylindrical coil compression springs provide greater strength and durability
4. Individual spring on each side to prevent lever sag, maintain reliability, reduce maintenance
5. High precision pick-resistant 6-pin solid brass cylinder, interchangeable with other leading manufacturers' cylinders. Turn key one-quarter turn to remove and replace cylinder. Can be construction keyed and master keyed as required
6. Full length lever handle with 3/8" return

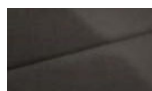
## FINISH



-26D



-19G



-10B

## SPECIFICATIONS

<b>Door Thickness</b>	1-3/8" (35mm) ~ 2" (51mm) standard doors
<b>Door Prep</b>	Crossbore 2-1/8" (54mm), Edgebore 1" (25mm), Latch face 2-1/4" (57mm) x 1-1/8" (28.6mm)
<b>Backset</b>	2-3/4" (70mm) standard 2-3/8" (60mm) optional
<b>Cylinder</b>	6-pin anti-pick, solid brass cylinder Two (2) keys per lock. Schlage C keyway
<b>Keys</b>	Keyed-Different standard Keyed-Alike, Construction key, Master key suite, or other keyways available by special order
<b>Handing</b>	Non-handed
<b>Trim</b>	Solid zinc diecast levers 55° lever rotation for full latch retraction
<b>Clutch Function (CL)</b>	Outside lever free wheeling while locked to prevent vandalism
<b>Rose</b>	3-9/16" (90mm) diameter Brass roses with concealed screws Threaded interior and exterior roses Removable thru bolts
<b>Latchbolt</b>	1/2" (12.7mm) throw, Stainless Steel 3 hour fire rated latchbolt Reversible for flat and beveled doors
<b>Faceplate</b>	2-1/4" (57mm) x 1-1/8" (28.6mm) square corner standard. Stainless Steel or brass faceplate
<b>Strike</b>	ANSI curved lip strike 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center standard. Full lip strike or T strike available

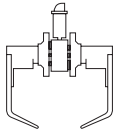
## CODE COMPLIANCE



ANSI A156.2 Grade 1, UL 10C and UBC 7.2 for positive pressure  
ANSI A117.1 ADA Barrier-free Accessibility  
C-UBC California Uniform Builders Code-2001  
NFPA-80 National Fire Protection-1999  
NFPA-101 National Fire Protection-Life Safety-2000

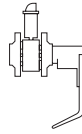
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## FUNCTIONS



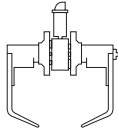
### 10 (ANSI: F75) Passage Latch

- Both levers are always unlocked from inside and outside



### 25 (ANSI: F111) Exit/Communicating Lock

- Inside lever is always unlocked
- Blank plate outside
- Inside lever is always free for emergency exit



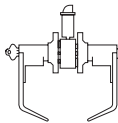
### 40 (ANSI: F76) Privacy Lock

- Outside lever is locked by push button inside
- Outside lever is unlocked by emergency release outside, rotating inside lever or closing door
- Inside lever is always free for emergency exit



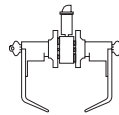
### 17 Single Dummy Trim

- Single dummy trim for one side



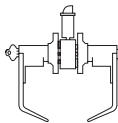
### 50 (ANSI: F82) Entrance/Office Lock

- Push button locks outside lever
- Key outside releases push button, unlocking outside lever
- Operating inside lever releases push button, unlocking outside lever
- Inside lever is always free for emergency exit



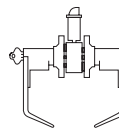
### 75 (ANSI: F110) Intruder Classroom Lock

- Outside lever is locked or unlocked by key from either side
- When unlocked, the lockset works as a passage set
- When locked, key required from either outside or inside to unlock the lockset
- Inside lever is always unlocked for emergency exit



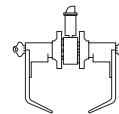
### 53 (ANSI: F109) Entrance Lock

- Push and turn button to keep outside lever locked. Key is always required to unlock the outside lever until button is reset
- Push button only locks outside lever until it is unlocked by key or by turning inside lever
- Key releases outside lever and push button inside, except when inside button is pushed and turned to keep outside lever locked
- Inside lever always free for emergency exit



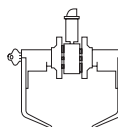
### 80 (ANSI: F86) Storeroom Lock

- Outside lever is unlocked only while key is turned
- Inside lever is always free for emergency exit



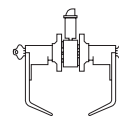
### 66 (ANSI: F91) Store Door Lock

- Key from either inside or outside locks or unlocks both levers
- When unlocked, latch bolt operates by lever from either side



### 70 (ANSI: F84) Classroom Lock

- Outside lever is locked or unlocked by key
- When unlocked the lockset works as a passage set
- When locked, key required from outside to unlock the lockset
- Inside lever is always unlocked for emergency exit



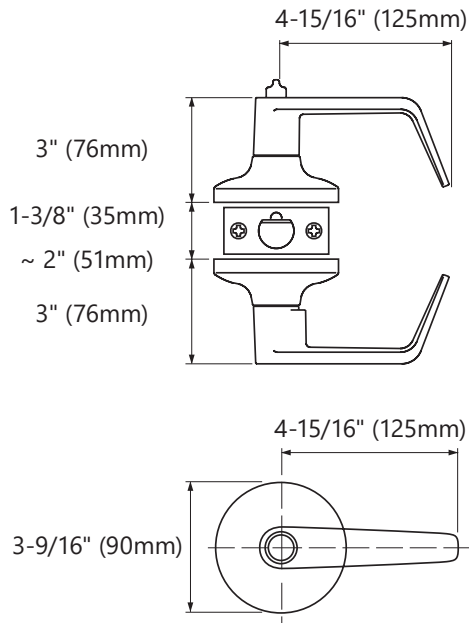
### 82 (ANSI: F87) Institution Lock

- Both levers are always inoperable
- Entrance by key in lever from either side

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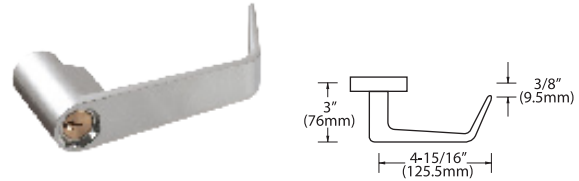
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## DIMENSIONS

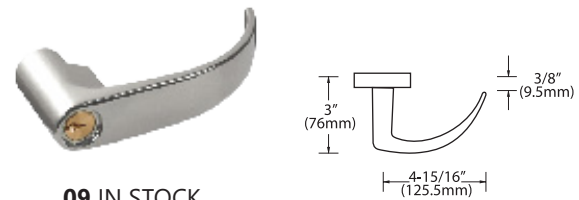


## DESIGN OPTIONS

<b>07</b>	3" x 4-15/16" x 3/8" 76mm x 125.5mm x 9.5mm
<b>09</b>	3" x 4-15/16" x 3/8" 76mm x 125.5mm x 9.5mm



**07 IN STOCK**



**09 IN STOCK**

## ELECTRIFICATION OF LOCK

Description	Item No.
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 12V Voltage	<b>SV-CL-EL12V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 24V Voltage	<b>SV-CL-EL24V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 12V Voltage	<b>SV-CL-EU12V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 24V Voltage	<b>SV-CL-EU24V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 12V Voltage with REX Switch	<b>SV-CL-EL12V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 24V Voltage with REX Switch	<b>SV-CL-EL24V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 12V Voltage with REX Switch	<b>SV-CL-EU12V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 24V Voltage with REX Switch	<b>SV-CL-EU24V-REX</b>

Add service code and upcharge price as a separate line item to order electrified locking (EL) locks. In case of power outage, EL locks are Fail Safe and EU locks are Fail Secure.

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# ELECTRIFIED LOCK PAIRED WITH ISK-B300 SMART READER CONTROLLER

## HOW TO ORDER

Product	Lever	Function	Cylinder	Finish	Backset
<b>CL</b>	<b>07</b>	<b>50</b>	<b>IC</b>	<b>26D</b>	<b>238</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

### PRODUCT



CL

### LEVER



07

09

### FUNCTION

#### Non-Keyed Locks:

- 10 Passage Latch (F75)
- 40 Bath/Bedroom Privacy Lock (F76)
- 25 Exit/Communicating Lock (F111)
- 17 Single Dummy Trim

#### Keyed Locks:

- 50 Entrance/Office Lock (F82)
- 53 Entrance (F109)
- 70 Classroom Lock (F84)
- 75 Intruder Classroom Lock (F110)
- 80 Storeroom Lock (F86)
- 66 Store Door Lock (F91)
- 82 Institution Lock (F87)

## 4 CYLINDER

Blank Standard Cylinder in Lever/Knob 6 Pin Schlage C Keyway

IC With Small Format Interchangeable Cylinder SFIC 6 Pin Less Core\*

\* All IC Core i.e. construction core, combined core order separately.

## 5 FINISH

Standard:



-26D



-10B



-19G

## 6 BACKSET

Blank = Standard 2-3/4" Backset

238 = 2-3/8" Backset