

# IN Series

## IN120 WiFi & IN220 PoE

### Intelligent IP-Enabled Access Control

Available through Authorized  
Channel Partners only.

Contact your local ASSA ABLOY  
Door Security Solutions sales  
consultant for details.



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### Overview

The SARGENT IN Series brings you the next generation of IP-enabled access control in a sleek, minimalist design. With both WiFi and Power over Ethernet options, you can leverage your IT infrastructure to deliver advanced access control to more locations, with the flexibility and security of HID® multiCLASS SE® technology.

### About ASSA ABLOY's Authorized Channel Partner and Certified Integrator Programs

The SARGENT IN120 and IN220 are part of a stream of new ASSA ABLOY products that integrate with a facility's access control system. These exciting new technology-rich products require an increase in knowledge to ensure the correct selection and implementation in various environments.

To aid our customers in this area, ASSA ABLOY has created two programs that provide the necessary training to sell, order, install and service our technology products, including Aperio® wireless, Integrated Wiegand, IP-enabled and self-configurable intelligent components:



- The Authorized Channel Partner (ACP) program is open to resellers, who sell ASSA ABLOY's technology products to certified integrators and help with product selection based on the application.



- The Certified Integrator (CI) program provides hands-on training for security systems integrators and network administrators.

Not only does this training familiarize certified integrator candidates with product features and applications, it also gives them valuable experience installing, commissioning and troubleshooting the products in a real-world environment.

For more information on the qualifications for becoming an ACP or CI, contact your local ASSA ABLOY Door Security Solutions sales consultant.

# IN Series

## Intelligent IP-Enabled Access Control

FEATURES	BENEFITS	IN120 WiFi Lock	IN220 PoE Lock
Utilizes IEEE 802.3af PoE-enabled network infrastructure for both power and data	■ Streamlines the installation process, reducing costs		✓
	■ Eliminates the need for any proprietary equipment		
	■ Enables real-time communication		
Utilizes IEEE 802.11 WiFi infrastructure	■ Significantly reduces installation costs	✓	
	■ Eliminates the need for any proprietary equipment		
	■ Ideal for hard-to-wire locations		
802.11b/g/n radio	■ Interoperability with other WiFi equipment	✓	
multiCLASS SE® Technology from HID Global®	■ Provides heightened security	✓	✓
	■ Supports: - Multiple credential types - HID Mobile Access® powered by Seos®, for iOS® and Android™ devices"		
Field selectable communication frequency	■ Allows you to balance security requirements with battery life	✓	
Reduced energy consumption and product sustainability measures	■ Uses significantly less power consumption in standby mode than traditional access control	✓	✓
	■ Leverages existing network infrastructure		✓
	■ Streamlined system architecture provides improved reliability and reduces materials		✓
Intelligence built into lock for local decision making*	■ Lock operates regardless of network status	✓	✓*
	■ Supports up to 2,400/10,000 users**	✓	✓
	■ Provides a 10,000 event transaction history/audit trail	✓	✓
Privacy button	■ Enables shelter in place/local lockdown	✓	✓
	■ Offers privacy capabilities for applications such as restrooms		
Integrated ANSI/BHMA Grade 1 hardware, available in cylindrical lock, mortise lock, exit device, and multi-point lock configurations	■ Flexibility to support various openings	✓	✓
	■ Assurance of high quality SARGENT hardware		
Superior aesthetics	■ Blends into any environment seamlessly	✓	✓
	■ Designed to meet the requirements of designers and architects		
	■ Available with a wide range of finishes and decorative levers		
	■ Suites with other IN Series locks, regardless of technology		

\* Requires backup power for IN220

\*\* Contact your access control system manufacturer for more information

### Credential Support:

Featuring HID® multiCLASS SE® technology, IN Series IP-enabled locks support the following credentials:

- Mobile Credentials:
  - HID Mobile Access® support, featuring Secure Identity Object™ (SIO) on mobile IDs (BLE and NFC)
  - LenelS2 BlueDiamond™
  - Apple Wallet Seos or DESFire® (NFC)
  - Google Pay DESFire® (NFC)
- High Frequency (13.56 MHz):
  - HID iCLASS®
  - HID iCLASS SE® (SIO-enabled)
  - HID iCLASS® Seos™
  - HID MIFARE® SE
  - HID DESfire® EV1 SE
  - MIFARE Classic
  - DESfire EV1
  - PIV/PIV-I (40-bit BCD, 64-bit, BCD, 75 bit, 128-bit or 200-bit outputs)
  - Felica
- Low Frequency (125 kHz):
  - HID Prox®
- Optional keypad
  - PIN only usage or dual authentication needs

For sites with more than one type of credential support, please contact please contact your local ASSA ABLOY Door Security Solutions sales representative or call 800-810-WIRE.

### Technical Specifications

#### IN120

- Compatible with 802.11 b/g/n 2.4GHz wireless networks

#### IN220

- Conforms to IEEE 802.3af Class 1 standard, requiring less than 3.84 watts

### Security:

- Optional, protocol level, 128-bit AES encryption (IN120, IN220)
- IN120 supports current WiFi network security standards, including:
  - WEP, WPA and WPA2
  - 802.1x
- For specific security information, please contact your local ASSA ABLOY Door Security Solutions sales representative or call 800-810-WIRE.

### Software:

- Works with ASSA ABLOY IP-Enabled Access Control Partner software, allowing simple integration into existing or new systems
- Software Development Kits (SDK) and support available to integrate into other third party access control systems.  
Email: OEMSupport\_Group@assaabloy.com for assistance.

### Environmental Specifications:

- Operating temperature: -13°F (-25°C) to 151°F (66°C)
- Humidity: operates in condensing environments\*
- Storage temperature: -22°F (-30°C) to 176°F (80°C)

### EAC Regulatory Compliance †:

- UL 294 Indoor Use
- ULC-60839-11-1, Grade 1
- BHMA A156.25

\*Always refer to the installation instructions for correct procedure when installing in condensing environments

† Excludes EK series



**Optional Keypad**

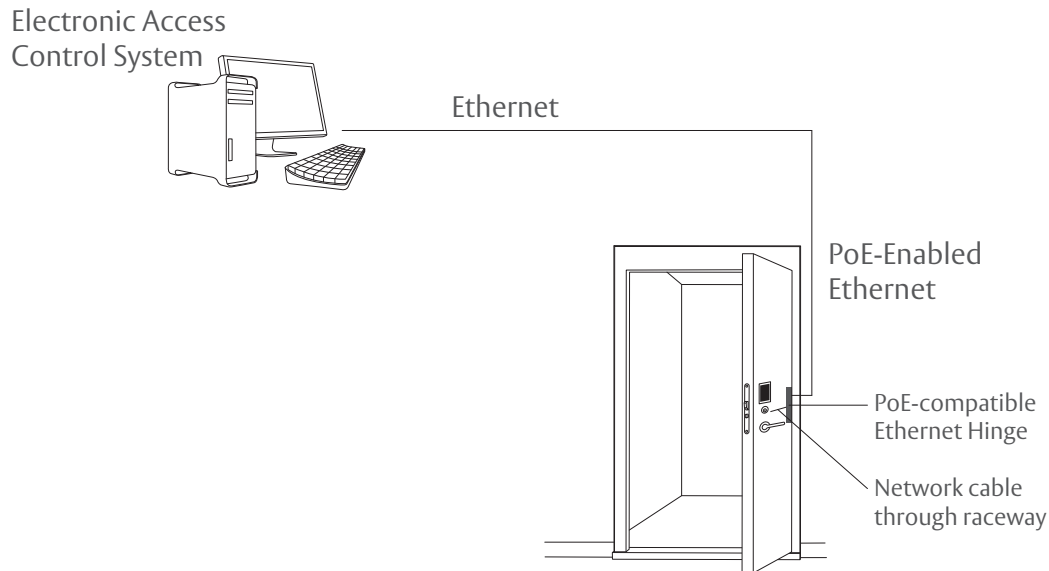
*PIN only usage or dual authentication needs*

# IN Series

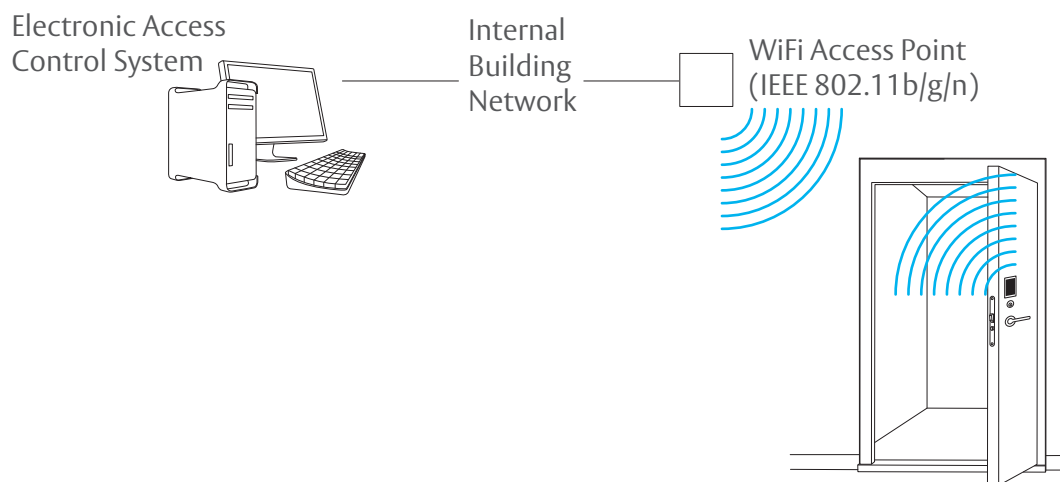
Intelligent IP-Enabled Access Control

**SARGENT**  
**ASSA ABLOY**

## PoE (Power Over Ethernet) System Configuration



## WiFi System Configuration



## 7900 Series Mortise Locks



### Mechanical Features

- Certified to ANSI/BHMA A156.13 Series 1000 Grade 1
- UL/ULC Listed for fire doors\*
- Motor driven 7900 Series Mortise Lock
- 3/4" projection stainless steel latchbolt, one-piece construction
- Steel deadbolt assembly with 13 gauge hardened steel insert, 1" (25mm) projection
- For 1-3/4" (44mm) thick door standard. Consult factory for additional thicknesses
- Stainless steel non-handed deadlocking latch
- Not available with SC- or SE- options
- Handing easily field reversible without disassembling lock body
- Lever trim through-bolted for increased security and durability

Shipping Weight: Approx. 11 lbs.

### IN Series Mortise Lock Functions

- Key outside always retracts latch
- Lever outside rigid except when valid credential presented
- Lever inside always retracts latch and deadbolt (if present)
- Guardbolt deadlocks latch
- Key override available with #41 cylinder supplied
- Low battery (for IN120), request-to-exit (REX), Door Position (DPS) and tamper signaling standard
- EcoFlex® technology offers improved battery life for IN120 mortise locks

### 52-5373 Door Position Switch (DPS)

Supplied with IN Series mortise locks

- SPST concealed switch (2-wire)
- 3/8" Diameter for wood door
- 3/4" Diameter for metal door
- - Metal door adapter included

**Note:** The DPS is installed right above the lock faceplate and connects directly into the lock's electronics

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Select from the following options to order IN Series mortise locks:

### Technology

- 120 WiFi
- 220 PoE

### Function

- 7978 Key override and no deadbolt
- 7979 No deadbolt and no key override

# IN Series

## Intelligent IP-Enabled Access Control



### Reader

B	Black reader, black trim
W	White reader, white trim
MB	Black reader, metal trim
MW	White reader, metal trim

#### Note:

Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match.

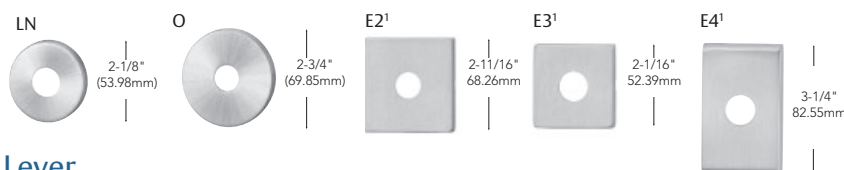
### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV	All credentials supported by the IPV option plus keypad
BKP/BCKP	Options supporting FeliCa credentials. Contact Transact for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

\*Orderable through LenelS2 only

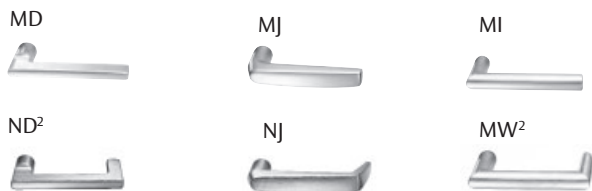
To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Rose

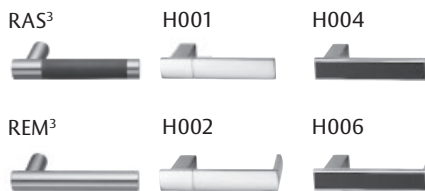


### Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, please refer to pages 29-31.



### Premium Levers



### Finish

03	Bright brass (ANSI 605)
04	Satin brass (ANSI 606)
09	Bright bronze (ANSI 611)
10	Satin bronze, clear powder (ANSI 612)
10B	Oxidized satin bronze oil rubbed (ANSI 613)
10BE	Dark oxidized satin bronze — equivalent

10BL	Oxidized satin bronze, clear powder coat
14	Bright nickel, clear coated (ANSI 618)
15	Satin nickel, clear coated (ANSI 619)
20D	Dark statuary bronze, clear powder coat
26	Bright chrome (ANSI 625)
26D	Satin chrome (ANSI 626)
32	Bright stainless steel (ANSI 629)*

32D	Satin stainless steel (ANSI 630)*
BSP	Black suede powder coat
WSP	White suede powder coat

### Handing

LH	Left hand
LHR	Left hand reverse
RH	Right hand
RHR	Right hand reverse

\*Metal reader trim (MB and MW) plated to match

## Build Your Order String

Technology	Function	Credentials	Reader	Rose	Lever	Finish
IN	7 9 7					

For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

<sup>1</sup>KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

<sup>2</sup>Lever returns within 1/2" (13 mm) of door face.

<sup>3</sup>Gramercy levers are customized. See page 28 for ordering information.

Experience a safer and more open world

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## 8200 Series Mortise Locks



### Mechanical Features

- Certified to ANSI/BHMA A156.13 Series 1000 Operational Grade 1 and Security Grade 1
- UL/ULC Listed for fire doors\*
- FCC certified
- Windstorm and Florida Building Code information is listed on page 16
- Motor driven 8200 Series Mortise Lock
- 3/4" stainless steel, anti-friction reversible latch
- For 1-3/4" (44mm) thick door standard. Consult factory for additional thicknesses
- Stainless steel non-handed deadlocking latch
- Not available with SC- or SE- options
- Handed, easily field reversible without disassembling lockbody
- Lever trim through-bolted for increased security and durability

Shipping Weight: Approx. 11 lbs.

### IN Series Mortise Lock Functions

- Key outside always retracts latch
- Lever outside rigid except when valid credential presented
- Lever inside always retracts latch and deadbolt (if present)
- Guardbolt deadlocks latch
- Key override available with #41 cylinder supplied
- Low battery (for IN120), request-to-exit (REX), Door Position (integrated DPS), and tamper signaling standard

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Select from the following options to order IN Series mortise locks:

### Technology

- 120 WiFi
- 220 PoE

### Function

- 82276 Key override and deadbolt\*
- 82278 Key override and no deadbolt
- 82277 Deadbolt and no key override\*
- 82279 No deadbolt and no key override

\*This function supports Escape Return.



# IN Series

## Intelligent IP-Enabled Access Control



### Reader

B	Black reader, black trim
W	White reader, white trim
MB	Black reader, metal trim
MW	White reader, metal trim

**Note:** Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match.

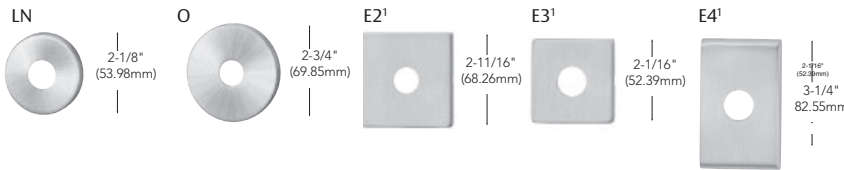
### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS IPV	All credentials supported by the BIPS option plus keypad. Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV BCP/BCKP	All credentials supported by the IPV option plus keypad. Options supporting FeliCa credentials. Contact Transact for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Rose



Suites with reader

### Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, please refer to pages 29-31.

### Premium Levers



### Finish

03	Bright brass (ANSI 605)	14	Bright nickel, clear coated (ANSI 618)	BSP	Black suede powder coat
04	Satin brass (ANSI 606)	15	Satin nickel, clear coated (ANSI 619)	WSP	White suede powder coat
09	Bright bronze (ANSI 611)	20D	Dark statuary bronze, clear powder coat	<b>Handing</b>	
10	Satin bronze, clear powder (ANSI 612)	26	Bright chrome (ANSI 625)	LH	Left hand
10B	Oxidized satin bronze oil rubbed (ANSI 613)	26D	Satin chrome (ANSI 626)	LHR	Left hand reverse
10BE	Dark oxidized satin bronze — equivalent	32	Bright stainless steel (ANSI 629)*	RH	Right hand
10BL	Oxidized satin bronze, clear powder coat	32D	Satin stainless steel (ANSI 630)*	RHR	Right hand reverse

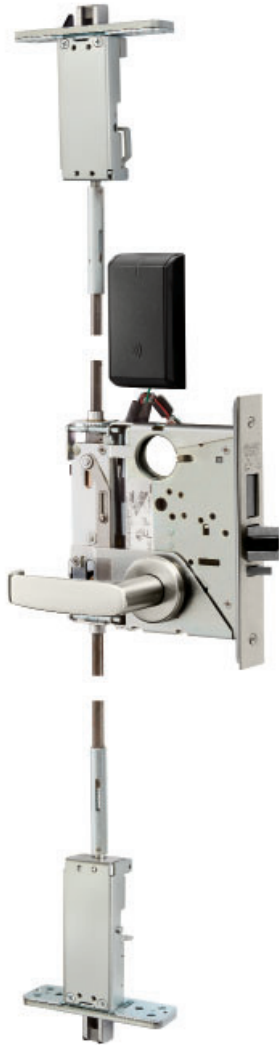
\*Metal reader trim (MB and MW) plated to match

## Build Your Order String

Technology	Function	Credentials				Reader	Rose	Lever	Finish	Handing			Opening Height (Inches)
IN		8	2	2	7								

For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

## 7300 Series Multi-Point Locks



### Mechanical Features

- Certified to ANSI/BHMA A156.37 Series 1000 Operational Grade 1 and Security Grade 1
- Motor driven 8200 Series Mortise Lock
- 1-3/4" thick door only; fully integrated – 7300 is part of a complete ASSA ABLOY windstorm solution
- Stainless steel non-handed deadlocking latch
- Not available with SC- or SE- options
- Handed, easily field reversible
- without disassembling lockbody
- Lever trim through-bolted for increased security and durability
- Concealed vertical assembly (rods, latches and cassette) pre-installed in door
- UL/ULC Listed for fire doors\*
- FCC certified
- Windstorm certification information is listed in the Sargent 7300 Series catalog
- Shipping Weight: Approx. 11 lbs.

### IN Series Multi-Point Lock Functions

- Lever outside rigid except when valid credential presented
- Lever inside always retracts latch and deadbolt
- Guardbolt deadlocks latch
- Low battery (for IN120), request-to-exit (REX), Door Position (integrated), and tamper signaling standard

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

MOUNTING	Supplied fasteners are for metal doors with through-bolts for trim
HAND	Handed; specify RHR, LHR, RH or LH
TOP BOLT	Adjustable stainless steel 3/4" square bolt with 11/16" engagement; 5/16" steel reinforcement plate
BOTTOM BOLT	Adjustable stainless steel 3/4" square bolt with 5/8" engagement; 1/4" steel reinforcement plate
CENTER BOLTS	Latchbolt is stainless steel with 3/4" projection. One piece, anti-friction reversible catch. Deadbolt is one piece hardened stainless steel with 1" projection
LOCK FRONT	1/8" steel mortise front reinforced with 13/64" thick lock edge stiffener
CENTER BOLT STRIKE	1/4" thick stainless steel
BACKSET	2-3/4" standard
DOOR THICKNESS	1-3/4" standard
DOOR HEIGHT	7'0" - 8'0"
MAXIMUM OPENING	Single door 4'0" x 8'0" and double doors 8'0" x 8'0"

Select from the following options to order IN Series multi-point locks:

Technology	Function	Reader
120 WiFi	73277 Deadbolt, no key override	B Black reader, black trim
220 PoE	73276 Key override with deadbolt	W White reader, white trim
		MB Black reader, metal trim
		MW White reader, metal trim

**Note:** Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match

# IN Series

## Intelligent IP-Enabled Access Control



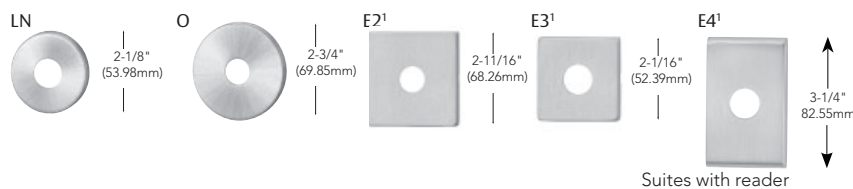
### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV	All credentials supported by the IPV option plus keypad
BCP/BCKP	Options supporting FeliCa credentials. Contact Transact for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Rose

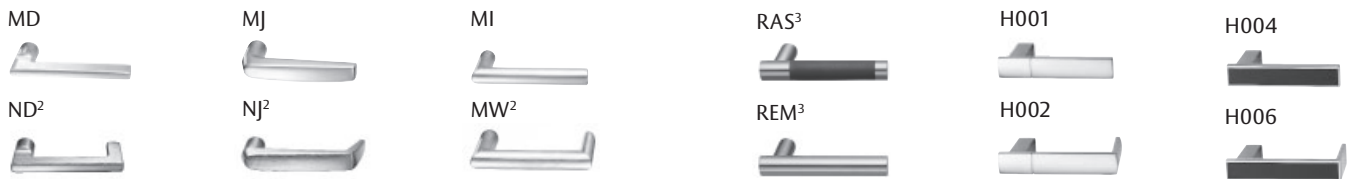


Suites with reader

### Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, please refer to pages 29-31.

#### Premium Levers



<sup>1</sup>1KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

<sup>2</sup>Lever returns within 1/2" (13 mm) of door face.

<sup>3</sup>Gramercy levers are customized. See page 28 for ordering information.

### Finish

03	Bright brass (ANSI 605)	14	Bright nickel, clear coated (ANSI 618)	BSP	Black suede powder coat
04	Satin brass (ANSI 606)	15	Satin nickel, clear coated (ANSI 619)	WSP	White suede powder coat
09	Bright bronze (ANSI 611)	20D	Dark statuary bronze, clear powder coat	<b>Handing</b>	
10	Satin bronze, clear powder (ANSI 612)	26	Bright chrome (ANSI 625)	LH	Left hand
10B	Oxidized satin bronze oil rubbed (ANSI 613)	26D	Satin chrome (ANSI 626)	LHR	Left hand reverse
10BE	Dark oxidized satin bronze — equivalent	32	Bright stainless steel (ANSI 629)*	RH	Right hand
10BL	Oxidized satin bronze, clear powder coat	32D	Satin stainless steel (ANSI 630)*	RHR	Right hand reverse

\* Metal reader trim (MB and MW) plated to match

### Build Your Order String

Technology	Function	Credentials	Reader	Rose	Lever	Finish	Handing
IN	FM 7 3 2 7 7						

\*If Windstorm or Blast is required, add the following before the function code:

FM - Windstorm  
BL - Blast

Example: FM73277, BL73277

If neither is required, use the function code as listed above.

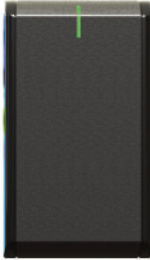
For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

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## 10 Line Cylindrical Locks



### Mechanical Features

- Certified ANSI/BHMA A156.2 Series 4000 Grade 1
- UL/ULC Listed for fire doors\*
- Motor driven cylindrical lock
- Latch Stainless Steel, 1/2" (13mm) throw
- 2-3/4" (70mm) backset standard
- For 1-3/4" (44mm) thick door standard. Consult factory for other thicknesses
- Handing easily field reversible without disassembling lock body
- Heavy duty lever spring return
- Steel mounting studs
- Not available with 10-UL-, 82-, 83-, 84- options

Shipping Weight: Approx. 9 lbs.

### IN Series Cylindrical Lock Functions

- Key outside always retracts latch
- Lever outside rigid except when valid credential presented
- Lever inside always retracts latch
- Guardbolt deadlocks latch
- Key override standard with #C10-1 cylinder supplied
- Low battery (for IN120), request-to-exit (REX), Door Position (DPS), and tamper signaling standard
- Door Position Switch (DPS, P/N 52-5373) supplied

### 52-5373 Door Position Switch (DPS)

Supplied with IN220 cylindrical locks

- SPST concealed switch (2-wire)
- 3/8" Diameter for wood door
- 3/4" Diameter for metal door
- - Metal door adapter included

**Note:** The DPS is installed right above the lock faceplate and connects directly into the lock's electronics

IN120/220 10 Line cylindrical locks are UL Certified and Listed as part of an approved assembly<sup>1</sup> to the following certifications and standards:

- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- ASTM E1996-2009
- Testing Application Standard (TAS) 201-1994<sup>2</sup>
- Testing Application Standard (TAS) 202-1994<sup>2</sup>
- Testing Application Standard (TAS) 203-1994<sup>2</sup>
- UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
- Listed on Florida Building Code Website: FL6728-R1
- Listed on Florida Building Code Website: FL4351-R1

<sup>1</sup>To meet assembly requirements, use in conjunction with doors from ASSA ABLOY Group brands CECO DOOR and CURRIES.

<sup>2</sup>Published in the "Florida Building Code"

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

# IN Series

Intelligent IP-Enabled Access Control



Select from the following options to order IN Series cylindrical locks:

## Technology

120 WiFi  
220 PoE

## Function

10G77 Key override

## Reader

B Black reader, black trim  
W White reader, white trim  
MB Black reader, metal trim  
MW White reader, metal trim

**Note:** Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match.

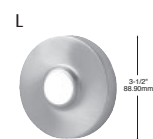
## Credentials

BIPS HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay  
BIKPS All credentials supported by the BIPS option plus keypad.  
IPV Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).  
IKPV All credentials supported by the IPV option plus keypad  
BCP/BCKP Options supporting FeliCa credentials. Contact Transact for more details.  
DIPS/DIKPS\* Options supporting LenelS2 BlueDiamond™ mobile credentials.

\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

## Rose



**Note:** Metal trim is supplied in the finish specified in the order string

## Lever



## Finish

03	Bright brass (ANSI 605)	14	Bright nickel, clear coated (ANSI 618)
04	Satin brass (ANSI 606)	15	Satin nickel, clear coated (ANSI 619)
09	Bright bronze (ANSI 611)	20D	Dark statuary bronze, clear powder coat
10	Satin bronze, clear powder (ANSI 612)	26	Bright chrome (ANSI 625)
10B	Oxidized satin bronze oil rubbed (ANSI 613)	26D	Satin chrome (ANSI 626)
10BE	Dark oxidized satin bronze — equivalent	BSP	Black suede powder coat
10BL	Oxidized satin bronze, clear powder coat	WSP	White suede powder coat

## Handing

LH Left hand  
LHR Left hand reverse  
RH Right hand  
RHR Right hand reverse

## Build Your Order String

Technology	Function	Credentials	Reader	Rose	Lever	Finish	Handing	Opening Height (Inches)
IN	1 0 G 7 7							

For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

\* Lever returns within 1/2" (13 mm) of door face

## 80 Series Exit Devices



### Mechanical Features

- Certified ANSI/BHMA A156.3 Grade 1
- Latch 3/4" (19mm) throw (8800: stainless steel, 8900: anti-friction brass)
- Cylinder requirements: 8800 Series uses a #34 Rim Cylinder; 8900 Series uses a #46 Mortise Cylinder (1-3/4")
- For 1-3/4" (44mm) door standard. Consult factory for other thicknesses
- Available with Studio Collection, Coastal Series and all standard levers
- UL/ULC Listed for fire doors\*

Shipping Weight: Approx. 11 lbs.

### IN Series Exit Device Functions

- Lever outside rigid except when in passage mode or valid user code entered
- Always allows free egress
- Request-to-Exit (REX): monitors rail position
- Low battery (for IN120), request-to-exit (REX), Door Position (DPS), and tamper signaling standard
- Door position switch (DPS, part #52-5373) supplied
- EcoFlex™ technology reduces energy consumption up to 95% as certified by GreenCircle

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Select from the following options to order IN Series exit devices:



Mortise Exit

Rim Exit

### Technology

- 120 WiFi
- 220 PoE

### Function

- 8977 Mortise lock exit device, key override
- 8978 Mortise lock exit device, no key override
- 8877 Rim exit device, key override
- 8878 Rim exit device, no key override

# IN Series

## Intelligent IP-Enabled Access Control



### Reader

B	Black reader, black trim
W	White reader, white trim
MB	Black reader, metal trim
MW	White reader, metal trim

### Rail Size

E:	24 - 32"
F:	33 - 36"
J:	37 - 42"
G:	43 - 48"

### ET Trim

ET 700 Series ET Trim



**Note:** Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match.

### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV	All credentials supported by the IPV option plus keypad
BCP/BCKP	Options supporting FeliCa credentials. Contact Transact for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

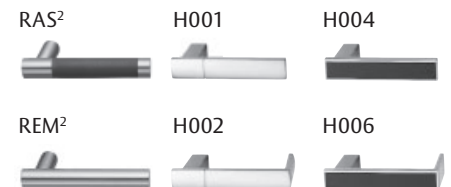
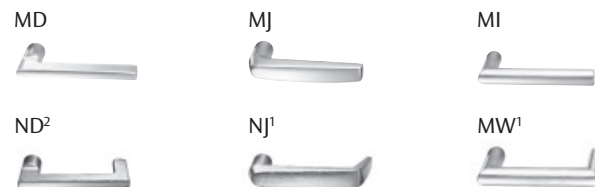
\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, please refer to pages 29-31.

### Premium Levers



### Finish

03	Bright brass (ANSI 605)	14	Bright nickel, clear coated (ANSI 618)
04	Satin brass (ANSI 606)	15	Satin nickel, clear coated (ANSI 619)
09	Bright bronze (ANSI 611)	20D	Dark statuary bronze, clear powder coat
10	Satin bronze, clear powder (ANSI 612)	26	Bright chrome (ANSI 625)
10B	Oxidized satin bronze oil rubbed (ANSI 613)	26D	Satin chrome (ANSI 626)
10BE	Dark oxidized satin bronze — equivalent	32	Bright stainless steel (ANSI 629)*
10BL	Oxidized satin bronze, clear powder coat	32D	Satin stainless steel (ANSI 630)*

BSP	Black suede powder coat
WSP	White suede powder coat

\*Exit Devices ordered in 32 or 32D will have the ET trim and lever supplied in 26 or 26D; for nickel finished ET trim, specify 14 or 15 finish and the exit will be supplied in 32 or 32D accordingly. Metal reader trim (MB and MW) plated to match

### Handing

LHR	Left hand reverse
RHR	Right hand reverse

### Door Width

Specify in inches

### Build Your Order String

Technology	Function	Credentials	Reader	Rail Size	ET Trim	Lever	Finish	Handing	Door Width (in inches)
IN	8				E T				

For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

<sup>1</sup> Lever returns within 1/2" (13 mm) of door face.

<sup>2</sup> Gramercy levers are customized. See page 28 for ordering information.



## Retrofit Kits for Von Duprin® 98/99 Series Rim Exit Devices



### Mechanical Features

- Certified ANSI/BHMA A156.3 Grade 1
- Key override compatible with a variety of rim cylinders. Trim prepped for cylinder (not included)
- Requires Von Duprin RX switch assembly #050251-00 (supplied by others)
- Provides complete coverage of door prep for Von Duprin 996 trim; call 800-810-WIRE for information on door prep coverage for other trims
- Available with Studio Collection, Coastal Series and all standard levers
- UL/ULC Listed for fire doors\*
- Matching dummy trim available for double doors.

### IN Series Exit Device Functions

- Lever outside rigid except when in passage mode or valid user code entered
- Always allows free egress
- Request-to-Exit (REX): monitors rail position
- Low battery, tamper signaling standard
- Door position switch (DPS, part #52-5373) supplied

\* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

### Function

231 Rim exit device, key override

### Escutcheon

EK1 Plate for Von Duprin Retrofit Fit

### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV	All credentials supported by the IPV option plus keypad
BKP/BCKP more	Options supporting FeliCa credentials. Contact Transact for details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Reader

B	Black reader, black trim
W	White reader, white trim
MB	Black reader, metal trim
MW	White reader, metal trim

**Note:** Metal trim for the reader is supplied in the finish specified in the order string. It is not available in stainless steel (32/32D), but will be plated to match.



# IN Series

Intelligent IP-Enabled Access Control

## Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, please refer to pages 21-23.

MD



MJ



MI



ND<sup>2</sup>



NJ<sup>1</sup>



MW<sup>1</sup>



## Premium Levers

RAS<sup>2</sup>



H001



H004



REM<sup>2</sup>



H002



H006



## Finish

03 Bright brass (ANSI 605)

04 Satin brass (ANSI 606)

09 Bright bronze (ANSI 611)

10 Satin bronze, clear powder (ANSI 612)

10B Oxidized satin bronze oil rubbed (ANSI 613)

10BE Dark oxidized satin bronze — equivalent

10BL Oxidized satin bronze, clear powder coat

14 Bright nickel, clear coated (ANSI 618)

15 Satin nickel, clear coated (ANSI 619)

20D Dark statuary bronze, clear powder coat

26 Bright chrome (ANSI 625)

26D Satin chrome (ANSI 626)

32 Bright stainless steel (ANSI 629)\*

32D Satin stainless steel (ANSI 630)\*

BSP Black suede powder coat

WSP White suede powder coat

## Handing

LHR Left hand reverse

RHR Right hand reverse

\*Metal reader trim (MB and MW) plated to match

## Build Your Order String

Technology	Function	Credentials	Reader	Escutcheon	Lever	Finish	Handing
IN	120	2 3 1	B I P S	E K 1			

The order string for the EK1 mechanical exit trim is: EK1 x 706-5 x Lever x Finish x Hand.

For additional cylinder and/or mechanical options, please refer to pages 31-33. Add the desired options to the beginning of your order string.

<sup>1</sup>Lever returns within ½" (13 mm) of door face.

<sup>2</sup>Gramercy levers are customized. See page 28 for ordering information.

## Hard Power Option (91-) for IN120



The Hard Power option (91-) is recommended for high traffic doors or openings that require online behavior. Hard powering an IN120 allows the lock to operate in an always connected mode. The IN120 allows hard powering via an input of 12 to 24V DC and draws 200mA at 12V DC in always connected mode. SARGENT offers a range of power supplies suitable for this application.

### 12VDC & 24VDC Power Supplies

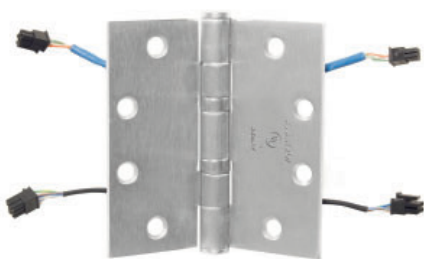
- UL Class 2 Listed filtered and regulated supply
- Four 12V models and four 24V models available
- Integral battery charging capability keeps sealed lead acid gel/cell at full charge in case of line voltage failure (737-battery sold separately)
- Fused line voltage input with one, four, or eight DC outputs (depending on model)
- Each circuit can be individually turned on and off via a slide switch; the power status of each is shown by an LED
- In the event of a DC short, the problem is confined to the zone of difficulty
- Fire alarm interface standard

McKinney ElectroLynx® hinges and harnesses are required for hard-powered IN120 applications.

### 52-4824 IN120 Adapter Cable

- Included with 91- prefix option IN120 units
- Compatible with ElectroLynx® system
- Allows for hard powering (91-) of IN120 (required for certain monitoring features)

## PoE Hinges for IN220



Patented

The PoE door & frame harnesses can accommodate a variety of new (with raceway) and retrofit applications.

Please note that one electrified hinge, one door harness assembly and one frame harness assembly are required for each PoE opening.

### McKinney ElectroLynx® PoE Hinges\*

Description
4 ½" x 4 ½" TA2714 26D PoE (Standard Weight 5 knuckle)
4 ½" x 4 ½" T4A3786 26D PoE (Heavy Weight 5 knuckle)

### McKinney ElectroLynx® PoE Frame Harness

Cable Length	Harness Description
180"	PoE-C1500P
Cat5e, 24 AWG, Shielded, Stranded, 100 Ohm	

\*See the McKinney catalog for additional finishes and hinge types

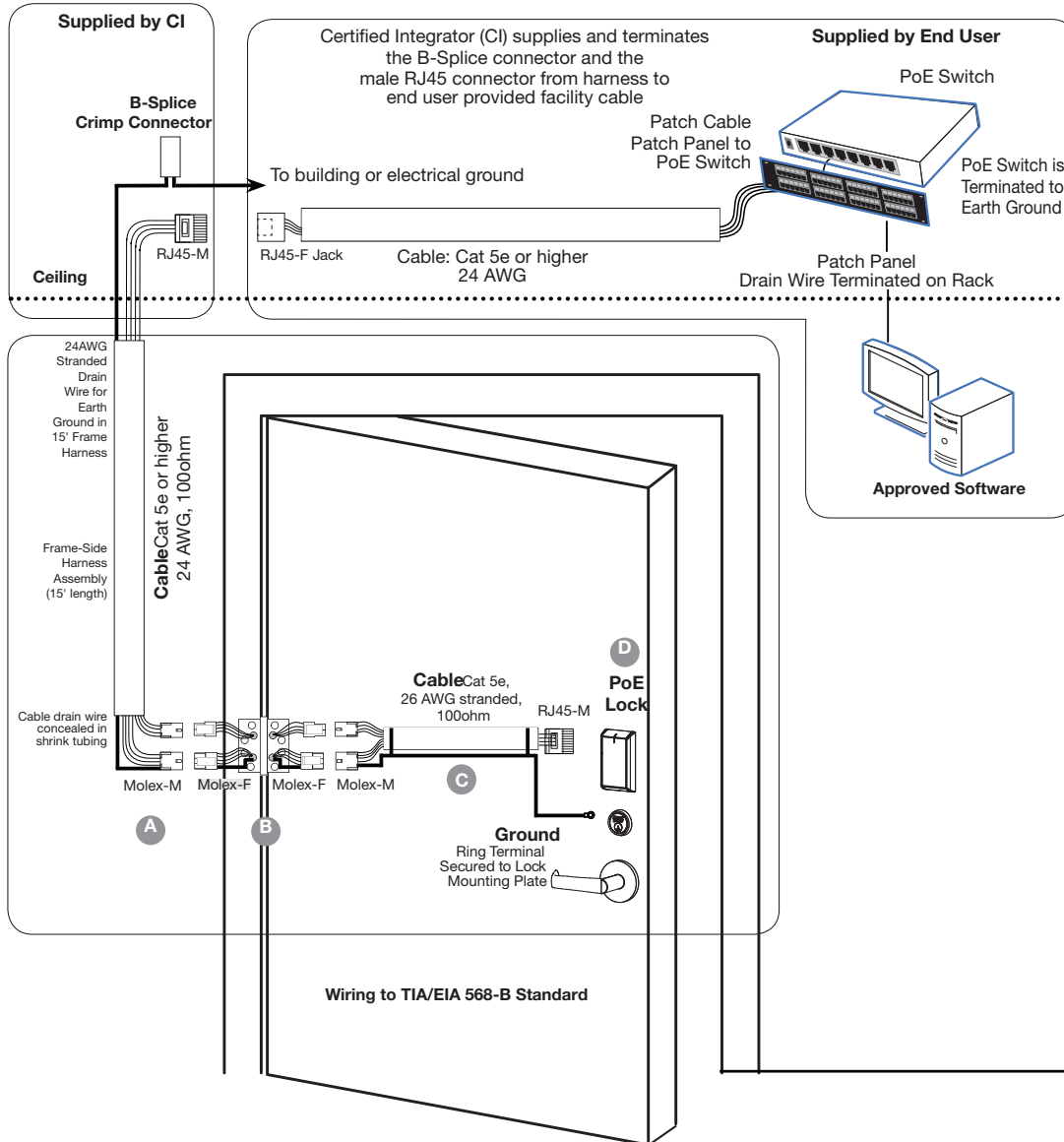
### McKinney ElectroLynx® PoE Door Harnesses

Door Width	Cable Length	Wood Door	Hollow Metal Door
28" to 31"	36"	PoE-C300RJ	PoE-C300PRJ
32" to 36"	42"	PoE-C306RJ	PoE-C306PRJ
37" to 42"	48"	PoE-C400RJ	PoE-C400PRJ
43" to 48"	54"	PoE-C406RJ	PoE-C406PRJ
All are Cat5e, 26 AWG, Shielded, Stranded, 100 Ohm			

# IN Series

Intelligent IP-Enabled Access Control

## IN220 PoE System Architecture



### Accessories and Software

#### Cover Plate Kits

- 79-5000 32D Mortise lock, IN120/IN220-7976 (key override, with deadbolt), 32D finish
- 79-5001 32D Mortise lock, IN120/IN220-7977 (no key override, with deadbolt), 32D finish
- 79-5002 32D Mortise lock, IN120/IN220-7978 (key override, no deadbolt), 32D finish
- 79-5003 32D Mortise lock, IN120/IN220-7979 (no key override, no deadbolt), 32D finish
- 10-5008 32D Cylindrical lock, IN120/IN220-10G77 (with key override), 32D finish

#### WFCD1 Network and Lock Configuration Tool Kit\*

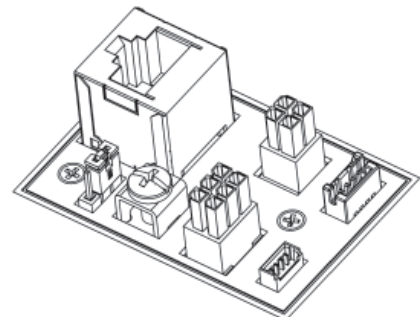
- Contains:
  - LCT software
  - Serial adapter cable (P/N 52-3956)
  - Users' manual (on CD)
  - Quick start guide
  - Configuration cards (to configure iCLASS Only Locks)
  - USB cable (P/N 52-1635)
- Required to configure network settings of IN220 locks

#### DHTA Power over Ethernet (PoE) Cable and Data Hinge Test Adapter for IN220

Developed for troubleshooting SARGENT PoE locks, the ASSA ABLOY PoE cable and data hinge test adapter verifies your PoE installation in the field. Sold as a kit containing two test adapters, it allows you to verify proper wiring from the door frame to the PoE data hinge and lock, or test the frame, hinge or door cables independently. This test tool helps answer the question "Is the problem in the lock or in the wiring to the lock?" and will save you troubleshooting time.

The DHTA works in conjunction with the following products or their equivalent, provided by others:

- BK Precision model 231A
- FLUKE DTX 1800 CableAnalyzer™
- Two (2) Category 5e patch cables, each (10) feet in length



\* The Network and Lock Configuration CD Tool Kit (WFCD1) is required to set up IN120 and IN220 locks. Only one is required per system. Lock Management Tool or a compatible system is also required.

### Lock Management Tool



Lock Management Tool™ (LMT) allows programming, interrogation and overall management of ASSA ABLOY PoE locks from a centralized location for up to 50 doors. The application facilitates communication from a computer to the locks via IEEE 802.11af PoE infrastructure. The LMT program allows an administrator to establish multiple user types, time zones, holidays, user groups, auto-unlock periods and to obtain transaction history from all locks connected to the system. LMT consists of a server based installation (a small workstation will be sufficient) with most of the daily administration and configuration being done through a web browser. A local client on the server can be used for more complex configuration tasks.

#### Features:

- Password protected database
- User database size based on local hardware configuration
- Allows for creation of user groups
- Easy to follow data entry
- Real-time clock with date and time
- Sixteen different time zones
- Holiday support
- Auto-unlock schedule with or without "first in" unlock
- Allows viewing of system wide events and history (total number of events based on local hardware configuration) – includes event type, date, time, user ID and name
- Configurable for all major HID® Prox 125 kHz or iCLASS® 13.56 MHz card formats
- Scheduler utility to establish lock communication at pre-defined intervals
- User manual included
- Browser-based user interface
- Simple drag-and-drop configurations
- Basic alarm monitoring

#### Requirements:

- Hardware:
  - Screen: 800 x 600 required; 1024 x 768 Recommended
  - Network Card required
  - CD-ROM required
  - Memory: 4 GB minimum, 8 GB+ recommended for servers
  - Storage: 50 GB available or more as needed
  - Processor: 2 GHz or faster Dual-core minimum
- Supported Operating Systems:
  - Windows 10 Pro & Enterprise (Home editions of Windows are not supported)\*
  - Windows Server 2012, 2012R2, 2016 & 2019
- Supported Databases: Microsoft SQL Server 2012 to 2019
  - Installed with Mixed Mode authentication enabled as installer requires a SQL sysadmin account.

**Note:** IP address must be assigned by authorized network administrator and PC must utilize a static IP address.

### WFCD2 Lock Management Tool (LMT) 25 Door License

- Lock Management Tool™ allows programming, interrogation and overall management from a centralized location of up to 25 doors
- License is included and is obtained at time of installation
- Download from [IntelligentOpenings.com](https://IntelligentOpenings.com)

### WFCD3 Lock Management Tool (LMT) 50 Door License

- Lock Management Tool™ allows programming, interrogation and overall management from a centralized location of up to 50 doors
- License is included and is obtained at time of installation
- Download from [IntelligentOpenings.com](https://IntelligentOpenings.com)

### Integration Tools for ASSA ABLOY Locks

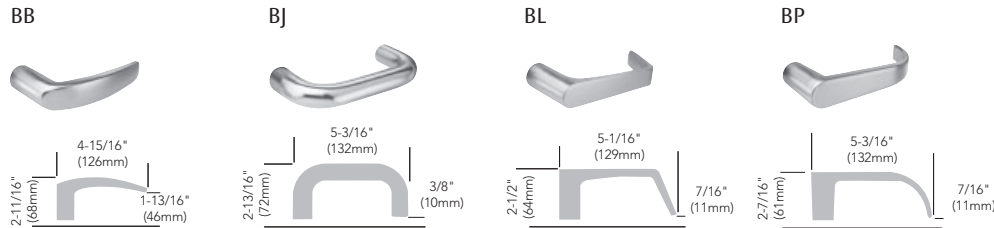
ASSA ABLOY electronic access control locks integrate with a range of industry-leading access control systems. For more information on which systems support our IP-enabled locks, please contact your local ASSA ABLOY Door Security Solutions office, [www.assaabloydss.com](https://www.assaabloydss.com). To learn more about how to integrate these and other ASSA ABLOY products with your system, please call 800-810-WIRE.

# IN Series

Intelligent IP-Enabled Access Control

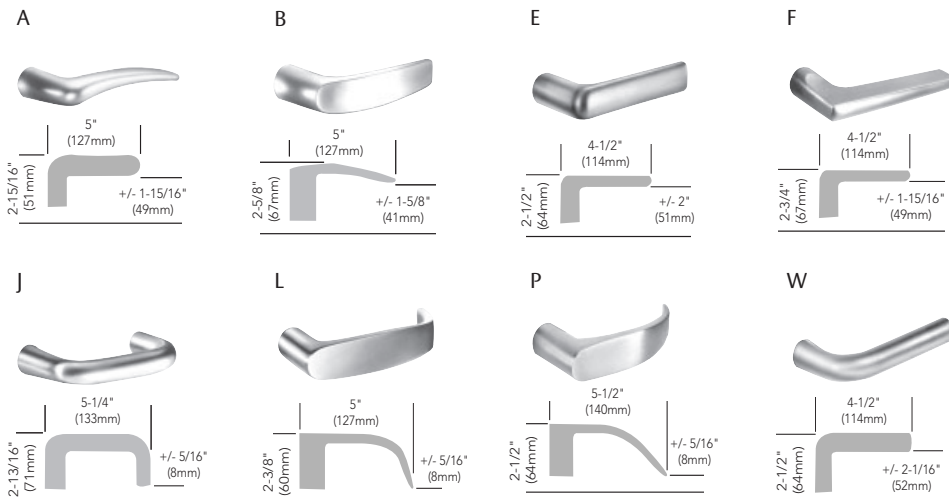
## Standard Levers (7900 Mortise Locks)

- All levers meet ADA national code requirements
- Lever designs BJ, BL and BP have lever returns within 1/2" (13mm) of door face
- Levers BB, BL, BJ & BP are only available with the O rose



## Standard Levers (8200 Mortise Locks, 80 Series Exit Devices, and 7300 Series Multi-Point Locks)

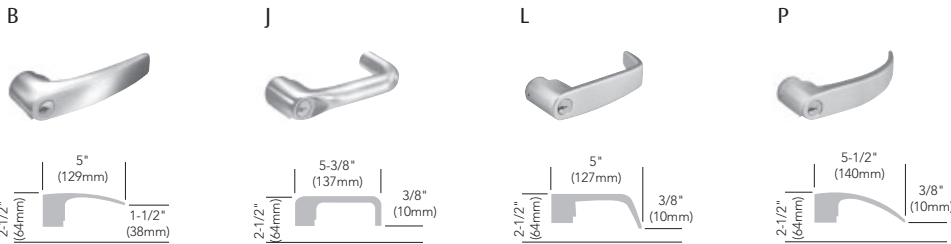
- All levers meet ADA compliance for national codes
- Solid forged or cast
- Lever designs J, L and P have lever returns within 1/2" (13mm) or less of door face
- All lever height (+/- 1/16") measurements represent total distance from door face



Standard lever options are only available with O roses.

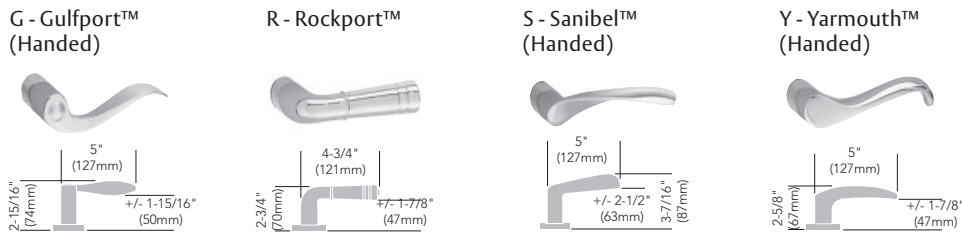
### Standard Levers (10 Line Cylindrical Locks)

- All levers meet ADA compliance for national codes
- Solid forged or cast
- Lever designs C, J, L and P have lever returns within 1/2" (13mm) or less of door face and meet California State Reference Fire Code
- All lever height (+/- 1/16") measurements represent total distance from door face



### The Coastal Series™ (Mortise Locks, Cylindrical Locks - Gulfport and Yarmouth only, or Exit Devices, and 7300 Series Multi-Point Locks)

- All levers meet ADA compliance for national codes
- Not available with CO and TO roses
- Levers are solid cast brass
- Finishes available — 3, 4, 9, 10, 10B, 10BE, 10BL, 14, 15, 20D, 26, 26D
- All lever height (+/- 1/16") measurements represent total distance from door face





# IN Series

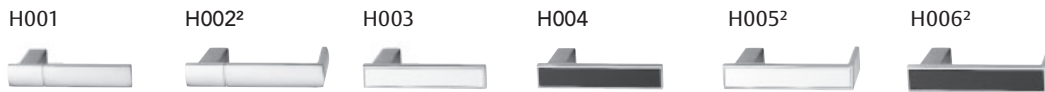
Intelligent IP-Enabled Access Control

**SARGENT**  
**ASSA ABLOY**

Studio Collection trim is available in a broad array of designs and finishes. It allows for uniformity throughout a facility using the 8200, R8200 and 7900 Series Mortise Locks, Access Control Products, 80 Series Exits Devices, DL, RDL Series Tubular Locks, and 7300 Series Multi-Point Locks.

All levers meet ADA compliance for national codes. Visit the online Decorative Hardware Product Selector at [selector.sargentlock.com](http://selector.sargentlock.com) to mix and match styles and finishes.

## Wooster Square Series



## Aventura Series



## Gramercy Series<sup>3</sup>



## Centro Series



## Odéon Series<sup>1</sup> (Handed Levers)



## Notting Hill Series (MA and MO are Non-Handed Levers)



## Berlin Series



## Grant Park Series (H008 is handed)



<sup>1</sup> Contact factory for current lead times. Not available in stainless steel finishes.

<sup>2</sup> Lever returns within 1/2" (13mm) of door face

<sup>3</sup> Gramercy levers are customized.

See page 34 for ordering information

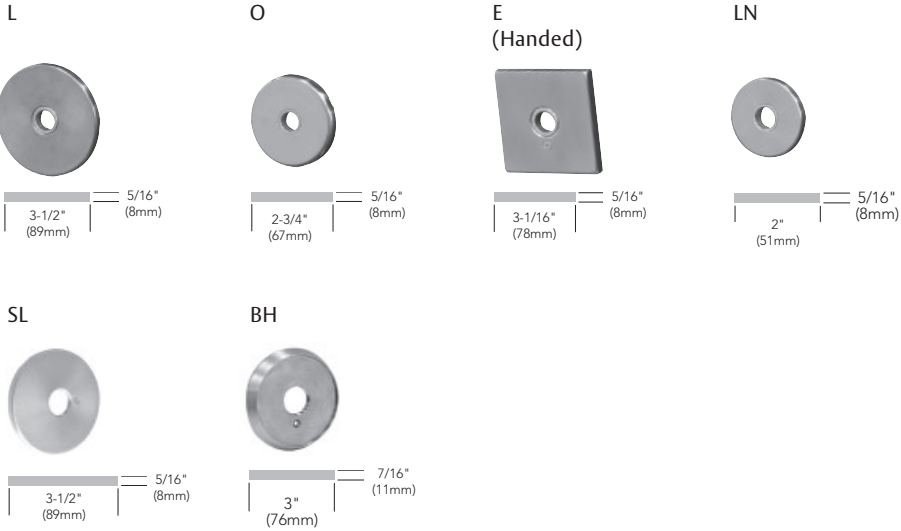
**Note:** H003 - H006 contains white or black polycarbonate insert

# IN Series

Intelligent IP-Enabled Access Control

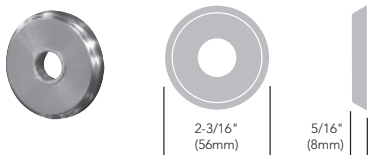
**SARGENT**  
**ASSA ABLOY**

## Standard Roses

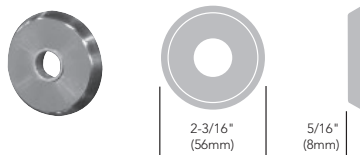


## Coastal Series Roses

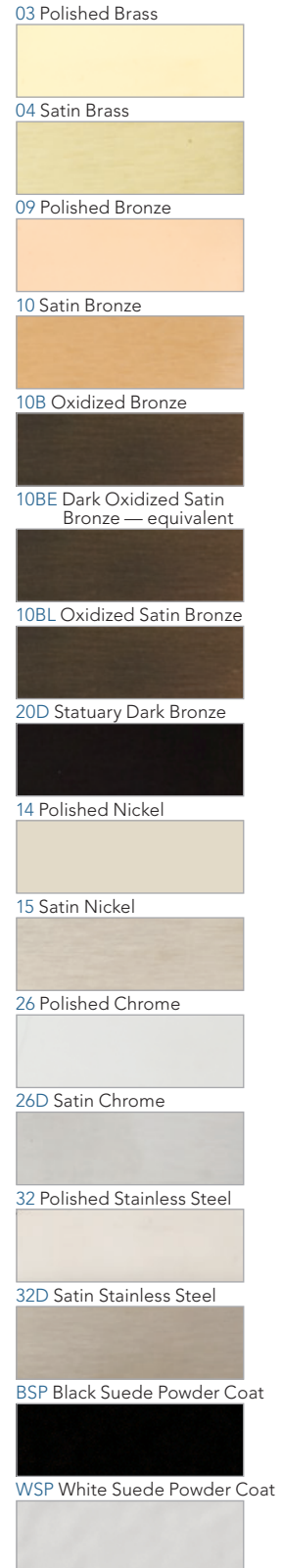
TR Traditional Rose  
(Dual radii edge)



CR Contemporary Rose  
(Beveled edge)



## Available Finishes

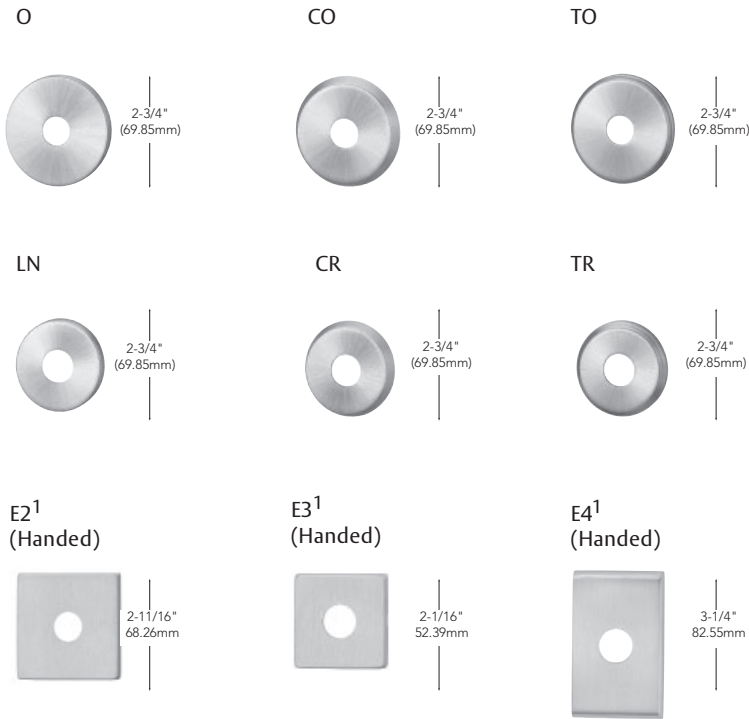


# IN Series

Intelligent IP-Enabled Access Control

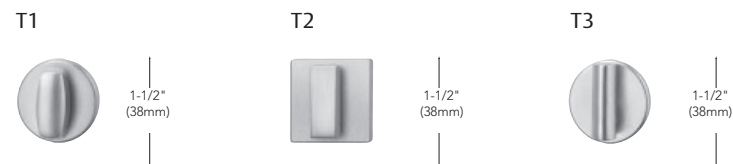
## Studio Collection Trim

**Roses** (7900, 8200, and 7300 Series Multi-Point Locks)



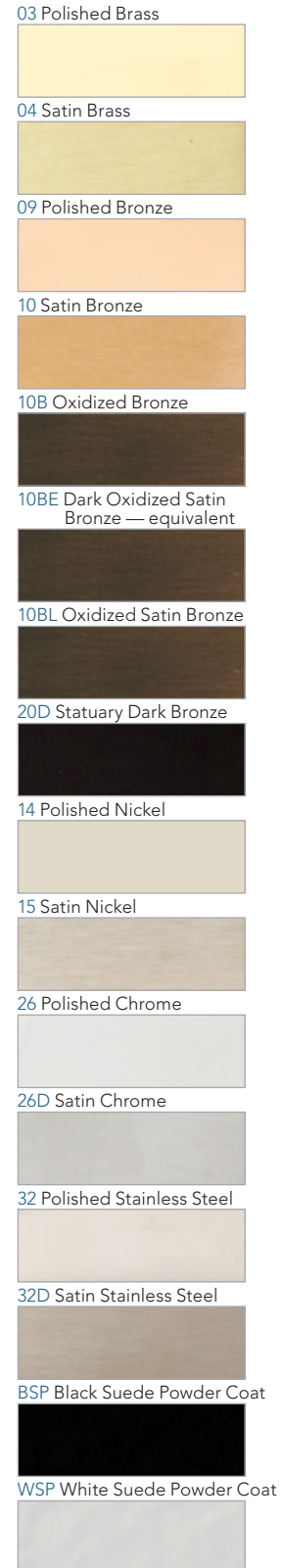
**Thumbturns** (7900, 8200, and 7300 Series Multi-Point Locks)

Thumbturn backplate will match rose design chosen. Specify T1, T2 or T3 as a prefix option for decorative turns.



<sup>1</sup> 1KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

## Available Finishes



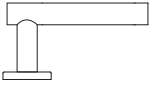
# IN Series

Intelligent IP-Enabled Access Control

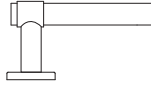
**SARGENT**  
**ASSA ABLOY**

## Ordering Gramercy Series Levers

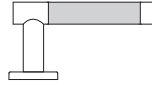
REM, RGM



RCM



RAG, RAL, RAM, RAS



## Gramercy Finish Codes

BHMA FINISH	SARGENT FINISH	GRAMERCY CODE	DESCRIPTION
630	32D	30	Satin Stainless Steel
629	32	29	Bright Stainless Steel
613E	10BE	3E	Dark Oxidized Satin Bronze, Equivalent
N/A	BSP	BS	Black Suede Powder Coat
N/A	WSP	WS	White Suede Powder Coat
N/A	N/A	BK	Black (Santoprene™ or leather insert)
N/A	N/A	BN	Brown (leather insert)

\*Code used to specify Gramercy Series finishes only. Use available finishes list to specify desired finish when ordering.

## Gramercy Lever Descriptions and Available Finishes

LEVER DESIGNATION	LEVER DESCRIPTION	AVAILABLE FINISHES (AS ORDERED)
RAG	Grooved Insert	3030, 2929, 2930, 3029, 3E3E, BSBS or WSWs
RAL	Leather Insert	30BK, 30BN, 29BK, 29BN, 3EBK3E, BSBKBS, WSBKWS, 3EBN3E, BSNBNS or WSNBNS
RAM	Metallic Insert	2930 or 3030
RAS	Santoprene Insert	30BK, 29BK, 3E3E, BSBS or WSWs
RCM	Raised Band	2930, 2929, 3030, 3029, 3E3E, BSBS or WSWs
REM	Plain	2929, 3030, 3E3E, BSBS or WSWs
RGM	Two Grooves	2929, 3030, 3E3E, BSBS or WSWs

\*\*Two-tone finish — grip of lever is 32D, balance of lever is 32. Rose/escutcheon and lock finish will be 32.

When specifying finish, use the last two digits of the BHMA standard finish code, i.e. use "29" for polished stainless, BHMA finish 629.

## Replacement Parts

### Reader Modules\*\*1

PART NUMBER	DESCRIPTION
IN120-EM01-[credentials]-[reader]	See below for credentials and reader code

### Credentials

BIPS	HID Prox®, iCLASS®, iCLASS SE®, iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs).
IKPV	All credentials supported by the IPV option plus keypad
BCP/BCKP	Options supporting FeliCa credentials. Contact Transact for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

### Reader

B	Black reader, black trim
W	White reader, white trim
MB	Black reader, metal trim
MW	White reader, metal trim

\*Orderable through LenelS2 only

To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

### Replacement Kits

PART NUMBER	DESCRIPTION
IN120-EM07-B	WiFi replacement kit (controller, plate, cover); black
IN120-EM07-W	WiFi replacement kit (controller, plate, cover); white
IN120-EM07-MB-[finish] <sup>2</sup>	WiFi replacement kit (controller, plate, cover); black with metal trim
IN120-EM07-MW-[finish] <sup>2</sup>	WiFi replacement kit (controller, plate, cover); white with metal trim
IN220-EM07-B	PoE replacement kit (controller, plate, cover); black
IN220-EM07-W	PoE replacement kit (controller, plate, cover); white
IN220-EM07-MB-[finish] <sup>2</sup>	PoE replacement kit (controller, plate, cover); black with metal trim
IN220-EM07-MW-[finish] <sup>2</sup>	PoE replacement kit (controller, plate, cover); white with metal trim

### Inside Escutcheon<sup>1</sup>

PART NUMBER	DESCRIPTION
IN120-EM02-B	Black
IN120-EM02-W	White
IN120-EM02-MB-[finish] <sup>2</sup>	Black with metal trim
IN120-EM02-MW-[finish] <sup>2</sup>	White with metal trim

### 52-5373 Door Position Switch (DPS)<sup>1</sup>

DESCRIPTION
SPST concealed switch (2 wire)
Metal door adapter included
3/8" diameter for wood door
3/4" diameter for metal door
Supplied with IN120/IN220 (all locks except 8200 & FM7300)

### Controllers & Controller Mounting Kit

PART NUMBER	DESCRIPTION
IN120-EM03	WiFi Controller
IN220-EM03	PoE Controller
IN120-EM04 <sup>1</sup>	Inside Mounting Kit (mounting plate and hardware)

### Lockbodies<sup>1</sup>

PART NUMBER	DESCRIPTION
IN120-7976-[finish] <sup>2</sup> -[handing]	7900 mortise lockbody with deadbolt and cylinder
IN120-7977-[finish] <sup>2</sup> -[handing]	7900 mortise lockbody with deadbolt (no cylinder)
IN120-7978-[finish] <sup>2</sup> -[handing]	7900 mortise lockbody with cylinder (no deadbolt)
IN120-7979-[finish] <sup>2</sup> -[handing]	7900 mortise lockbody only (no deadbolt, no cylinder)
IN120-82276-[finish] <sup>2</sup> -[handing]	8200 mortise lockbody with deadbolt and cylinder
IN120-82277-[finish] <sup>2</sup> -[handing]	8200 mortise lockbody with deadbolt (no cylinder)
IN120-82278-[finish] <sup>2</sup> -[handing]	8200 mortise lockbody with cylinder (no deadbolt)
IN120-82279-[finish] <sup>2</sup> -[handing]	8200 mortise lockbody only (no deadbolt, no cylinder)
10-3407-5400	Cylindrical lockbody, standard cylinder
10-3412-5400	Cylindrical lockbody, LFIC
10-3417-5400	Cylindrical lockbody, SFIC

<sup>1</sup> Reader modules, inside escutcheons, mounting kit, lockbodies, and door position switch can be used for both IN120 and IN220

<sup>2</sup> Specify finish

## Mechanical Options

STRIKE OPTIONS	28-	4-7/8" Strike #808. Lip length 1-1/4 (10 Line only)
	WBS-	Wrought Box Strike
10 LINE BRACKET OPTIONS	20-	2-3/8" Backset Latch with 1" Front
	23-	3-3/4" Backset x 2-1/4" x 1-1/8" Front (10 Line only)
	25-	5" Backset x 2-1/4" x 1-1/8" Front (10 Line only)
SECURITY FASTENERS	36-	Six lobe security head screws
	37-	Spanner head screws
3/4" LATCH THROW	41-	3/4" (19mm) throw latch x 2-3/4" (70mm) backset (10 Line only)
TACTILE WARNING OPTIONS	75-	Tactile Warning — Milled Inside Lever (Not available with Studio and Coastal Levers and the A Lever)
	76-	Tactile Warning — Milled Outside Lever (Not available with Studio and Coastal Levers and the A Lever)
	77-	Tactile Warning — Milled Inside and Outside Lever (Not available with Studio and Coastal Levers and the A Lever)
	85-	Tactile Warning — Abrasive Coating on Inside Lever
	86-	Tactile Warning — Abrasive Coating on Outside Lever
	87-	Tactile Warning — Abrasive Coating on Outside Lever
FINISH PROTECTION	CPC-	Clear Powder Coat (Available for 26, 26D, 32 and 32D Finishes)
	SG-	MicroShield® antimicrobial clear powder coat (Not available with 10B Finish)
THUMBTURNS (SEE PAGE 17)	T1-	Decorative thumbturn; backplate matches rose design chosen
	T2-	Decorative square thumbturn; backplate matches rose design chosen
	T3-	Decorative cylinder thumbturn; backplate matches rose design chosen

### Cylinder Options

CONVENTIONAL CYLINDER	—	SARGENT Conventional Cylinders supplied Standard (Nomenclature not required)
SIGNATURE KEY SYSTEM	10-	SARGENT Signature Key System (Not Available with other Key Systems)
	10-21-	SARGENT Signature Construction Key System (Lost Ball)
SIGNATURE: LARGE FORMAT INTERCHANGEABLE CORE (REMOVABLE CORE)	10-63-	SARGENT Signature LFIC (Removable Core) Cylinder
XC- KEY SYSTEM	11-	XC Key System (not available with 10-, 10UL, 22- options)
	11-21-	XC- Construction Key System (Lost Ball)
XC- LARGE FORMAT INTERCHANGEABLE CORE (REMOVABLE CORE)	11-60-	Hardware to accept XC- Permanent LFIC (Removable Core), Disposable plastic Core — provided
	11-63-	Hardware provided with XC- LFIC (Removable Core) Cylinder — (Includes masterkeying, grand masterkeying)
	11-64-	Hardware provided with Keyed construction core to accept XC- LFIC (Removable) Permanent Core (ordered separately)
XC- SMALL FORMAT INTERCHANGEABLE CORE	11-70-7P-	Hardware to accept XC- SFIC ( 7 Pin) XC- Permanent Cores, plastic disposable core provided (10 Line J lever not available)
	11-72-7P-	Hardware to accept XC- SFIC (7-Pin Keyed Construction Core provided) cylinder Permanent core ordered separately (10 Line J lever not available)
	11-73-7P-	Hardware supplied with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
	11-65-73-7P-	Hardware provided to accept XC- Uncombined 7-Pin SFIC (Permanent) Core (Packed Loose) (10 Line J lever not available)
CONSTRUCTION KEY SYSTEMS	21-	SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63-, 73-, 82-, SC- & SE-)
	22-	SARGENT Construction Split Key System for Conventional Cylinders (Existing Systems) (N/A with 10-, 11-, 63-, 73-, 82-, SC- & SE-)
OLD STYLE REMOVABLE CORE	51-	Removable Core Cylinder (Old Style) provided (Existing Systems Only)
	52-	Removable Construction Core (Old Style) Permanent core ordered separately (Existing Systems Only)
LARGE FORMAT INTERCHANGEABLE CORE (REMOVABLE CORE)	60-	Hardware to accept SARGENT Permanent LFIC (Removable Core), Disposable plastic Core provided (Permanent Cores Ordered Separately)
	63-	Hardware provided with LFIC (Removable Core) Cylinder — (Includes masterkeying, grand masterkeying)
	64-	Hardware provided with Keyed construction core to accept LFIC (Removable) Permanent Core (ordered separately)

## Cylinder Options

SMALL FORMAT INTERCHANGEABLE CORES	70-	Hardware to accept 6 or 7-Pin SFIC Permanent Cores, plastic disposable core provided (10 Line J lever not available)
	72-	Hardware to accept 6 or 7-Pin SFIC (Keyed Construction Core provided) Cylinder (Permanent Core Ordered Separately) (10 Line J lever not available)
	73-	Hardware supplied with 6-Pin SFIC (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
	65-73-	Hardware provided to accept Uncombined 6-Pin SFIC (Permanent) Core (Packed loose for field keying) (10 Line J lever not available)
	65-73-7P-	Hardware provided to accept Uncombined 7-Pin SFIC (Permanent) Core (Packed loose for field keying) (10 Line J lever not available)
	73-7P-	Hardware supplied with Small Format 7 Pin Interchangeable Core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
KESO & KESO F1	81-	Hardware provided with housings to accept Keso (83) and Keso F1 (F1-83-) removable cores (Not available with 10 Line) (Permanent Cores Ordered Separately)
	82-	Hardware provided with SARGENT Keso Security Cylinder
	F1-82-	Hardware provided with SARGENT Keso F1 Security Cylinder (Patented)
	83-	Hardware supplied with SARGENT Keso Security Removable Core cylinder (Not available with 10 Line)
	F1-83-	Hardware supplied with SARGENT Keso F1 Security Removable Core cylinder (Not available with 10 Line) (Patented)
84-	Hardware provided with SARGENT Keso Construction Cores (Not available with 10 Line) (Permanent Cores ordered separately)	
BUMP RESISTANT	BR-	Bump Resistant Cylinder (Available with Conventional and Conventional XC Cylinders Only)
LESS CYLINDER	LC-	Hardware supplied less cylinder
ACCEPTS SCHLAGE CYLINDERS	30-	10 Line Lever to accept Schlage Cylinder-Cylinder is not provided (10 Line only)
	SF-	L Lever to accept Medeco KeyMark Large Format Interchangeable and Schlage Full Size Interchangeable Core (10 Line only)
SCHLAGE KEYWAYS	SC-	Schlage C keyway cylinder, 0 bitted (10 Line only)
	SE-	Schlage E keyway cylinder, 0 bitted (10 Line only)



## Cylinder Options

DEGREE CYLINDERS	DG1-	SARGENT Degree Key System Level 1 (Bump resistant with patented keys)
	DG1-21-	Degree Level 1 Construction Master Keying
	DG1-60-	Degree Level 1 Removable Disposable Construction Core
	DG1-63-	Degree Level 1 Removable Core
	DG1-64-	Degree Level 1 Removable Construction Keyed LFIC
	DG1-65-	Degree Level 1 Unassembled/Uncombined Core
	DG2-	SARGENT Degree Key System Level 2 (Geographically exclusive; bump and pick resistant)
	DG2-21-	Degree Level 2 Construction Master Keying
	DG2-60-	Degree Level 2 Removable Disposable Construction Core
	DG2-63-	Degree Level 2 Removable Core
	DG2-64-	Degree Level 2 Removable Construction Keyed LFIC
	DG2-65-	Degree Level 2 Unassembled/Uncombined Core
	DG3-	SARGENT Degree Key System Level 3 (Geographically exclusive; UL437 certified; bump and pick resistant)
	DG3-21-	Degree Level 3 Construction Master Keying
	DG3-60-	Degree Level 3 Removable Disposable Construction Core
	DG3-63-	Degree Level 3 Removable Core
	DG3-64-	Degree Level 3 Removable Construction Keyed LFIC
	DG3-65-	Degree Level 3 Unassembled/Uncombined Core

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