SARGENT
ASSA ABLOY

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.

Experience a safer and more open world

IN Series

Intelligent IP-Enabled Access Control

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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:

Authorized Channel Partner
ASSA ABLOY

- 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.

Certified Integrator
ASSA ABLOY

- 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.

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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

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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

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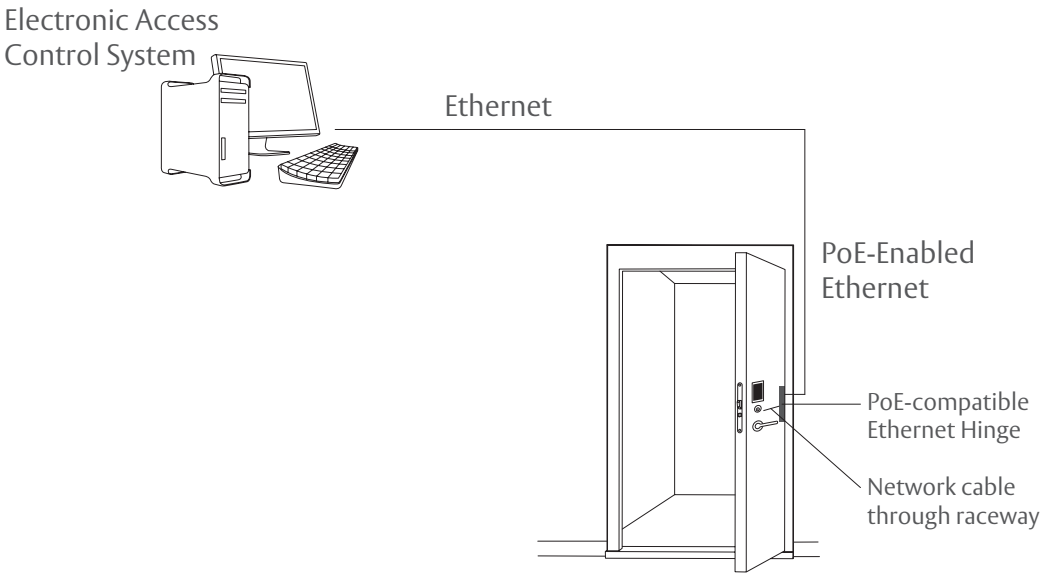
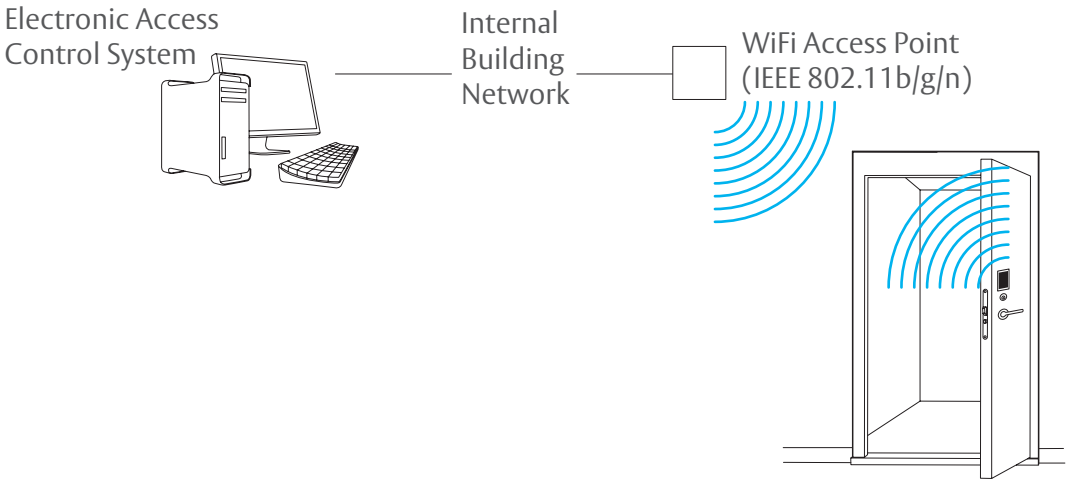
PoE (Power Over Ethernet) System Configuration



WiFi System Configuration



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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
- 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
- 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 (no deadbolt)
7979	No Key override (no deadbolt)

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IN Series

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Reader

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

Note:

Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

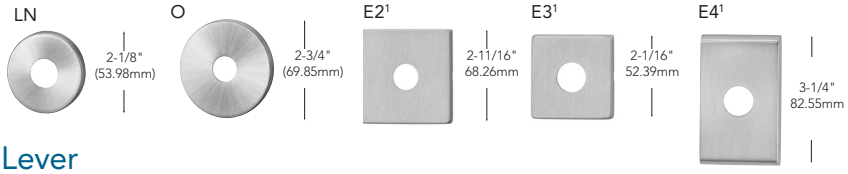
Credentials

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

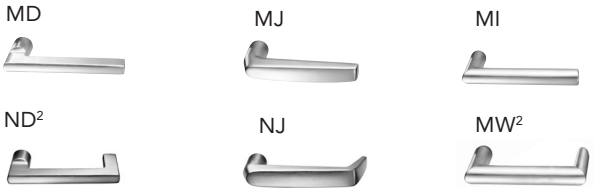
To order locks with site keys preloaded with HID Mobile Access, Seos Elite, Apple Wallet, or Google Pay mobile credential support, please refer to the site-specific credential ordering guide.

Rose

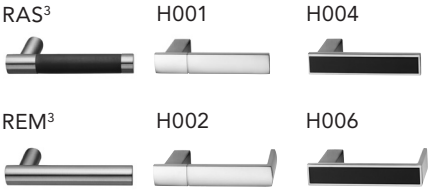


Lever

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

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
US32 (ANSI/BHMA 629)*	Bright Stainless Steel	32
US32D (ANSI/BHMA 630)*	Satin Stainless Steel	32D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

** Finish when cylinder provided with lock

Handing

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

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

[1] 1KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

[2] Lever returns within ½" (13 mm) of door face.

[3] Gramercy levers are customized. See page 28 for ordering information.

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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.

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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.

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IN Series

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Reader

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

Note: Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

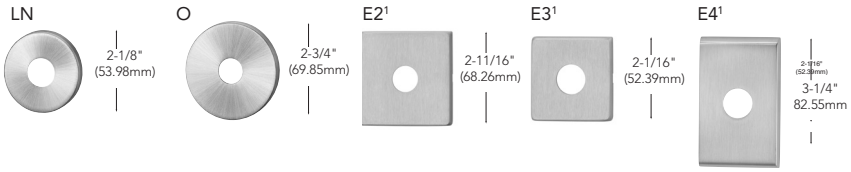
Credentials

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.

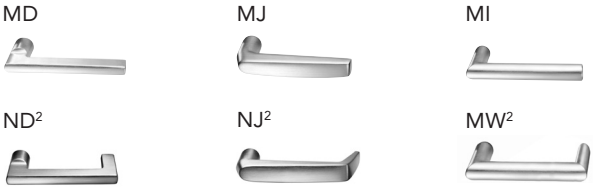
Rose



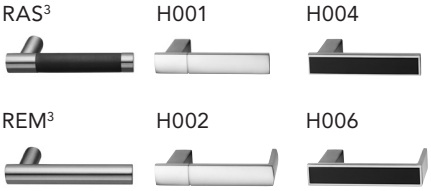
Suites with reader

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



Finish

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
US32 (ANSI/BHMA 629)*	Bright Stainless Steel	32
US32D (ANSI/BHMA 630)*	Satin Stainless Steel	32D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

** Finish when cylinder provided with lock

Handing

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

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

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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.

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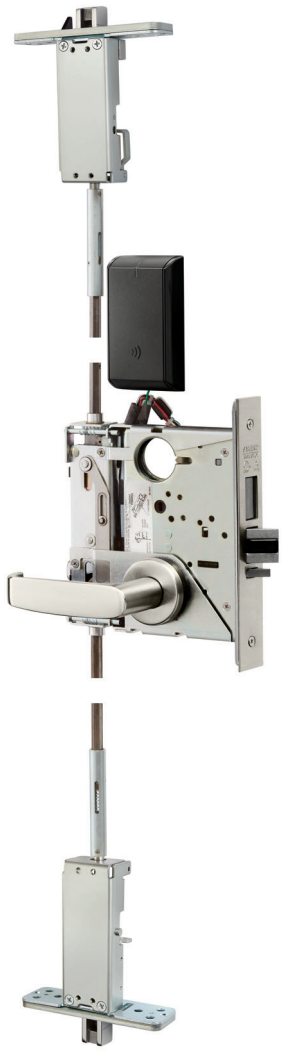
7300 Series Multi-Point Locks



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

120	WiFi
220	PoE

Function

73277	Deadbolt, no key override
73276	Key override with deadbolt

Reader

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

Note: Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

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IN Series

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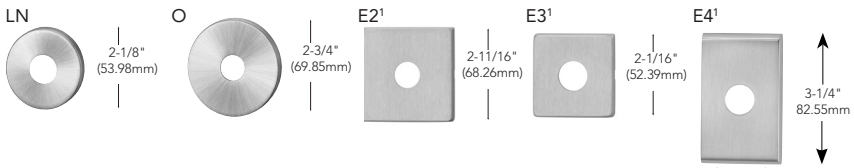
Credentials

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.

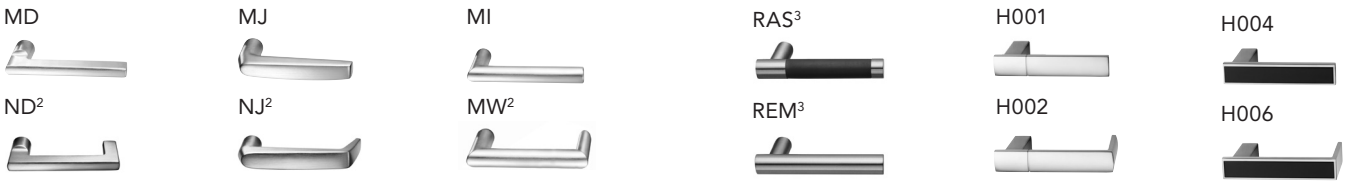
Rose



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

[1]1KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

[2] Lever returns within ½" (13 mm) of door face.

[3] Gramercy levers are customized. See page 28 for ordering information.

Finish

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
US32 (ANSI/BHMA 629)*	Bright Stainless Steel	32
US32D (ANSI/BHMA 630)*	Satin Stainless Steel	32D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

**Finish when cylinder provided with lock

Handing

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

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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 Bored 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 Bored 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 bored 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 bored locks are UL Certified and Listed as part of an approved assembly[1] 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[2]
- Testing Application Standard (TAS) 202-1994[2]
- Testing Application Standard (TAS) 203-1994[2]
- UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
- Listed on Florida Building Code Website: FL6728-R1
- Listed on Florida Building Code Website: FL4351-R1

[1]To meet assembly requirements, use in conjunction with doors from ASSA ABLOY Group brands CECO DOOR and CURRIES.

[2]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.

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IN Series

Intelligent IP-Enabled Access Control

SARGENT
ASSA ABLOY

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 reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

Credentials

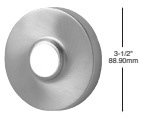
BIPS	HID Prox®, iCLASS®, iCLASS SE®,iCLASS® Seos®, SIO on MIFARE® Classic, SIO on MIFARE DESFire® EV1 MIFARE Classic, MIFARE DESFire EV1, HID Mobile Access, Apple Wallet, Google Pay
BIKPS	All credentials supported by the BIPS option plus keypad.
IPV	Supports PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 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

L



Lever

B

J*

L*

P*

G - Gulfport™

Y - Yarmouth™

Finish

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, WSP	15
BSP	BSP

**Finish when cylinder provided with lock

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 ½" (13 mm) of door face

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Experience a safer and more open world

80 Series Exit Devices

Mortise Exit

Rim Exit

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:

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

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IN Series

Intelligent IP-Enabled Access Control

SARGENT
ASSA ABLOY

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 reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

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.

MD

MJ

MI

ND[2]

NJ[1]

MW[1]

Premium Levers

RAS[2]

H001

H004

REM[2]

H002

H006

Finish

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
US32 (ANSI/BHMA 629)*	Bright Stainless Steel	32
US32D (ANSI/BHMA 630)*	Satin Stainless Steel	32D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

**Finish when cylinder provided with lock

*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.

Handing

LHR	Left hand reverse
RHR	Right hand reverse

Door Width

Specify in inches

[1] Lever returns within ½" (13 mm) of door face.

[2] Gramercy levers are customized. See page 28 for ordering information.

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Experience a safer and more open world

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.

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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

Reader

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

Note: Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

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.

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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[2]

NJ[1]

MW[1]

Premium Levers

RAS[2]

H001

H004

REM[2]

H002

H006

Finish

Description		Specify
US3 (ANSI/BHMS 605)	Bright Brass	03
US4 (ANSI/BHMA 606)	Satin Brass	04
US9 (ANSI/BHMA 611)	Bright Bronze	09
US10 (ANSI/BHMA 612)	Satin Bronze, clear powder	10
US10B (ANSI/BHMA 613)	Dark Oxidized Satin Bronze, oil rubbed	10B
10BE (613E)	Dark Oxidized Satin Bronze - equivalent	10BE
10BL (613L)	Dark Oxidized Satin Bronze - clear coated	10BL
US14 (ANSI/BHMA 618)	Bright Nickel Plated, clear coated	14
US15 (ANSI/BHMA 619)	Satin Nickel Plated, clear coated	15
20D	Dark Statuary Bronze, clear coated	20D
US26 (ANSI/BHMA 625)	Bright Chromium Plated	26
US26D (ANSI/BHMA 626)	Satin Chromium Plated	26D
US32 (ANSI/BHMA 629)*	Bright Stainless Steel	32
US32D (ANSI/BHMA 630)*	Satin Stainless Steel	32D
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

*Metal reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

Lock Finish	Cylinder/Core**
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

**Finish when cylinder provided with lock

Handing

LHR Left hand reverse
RHR Right hand reverse

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.

[1] Lever returns within ½" (13 mm) of door face.
[2] Gramercy levers are customized. See page 28 for ordering information.

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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

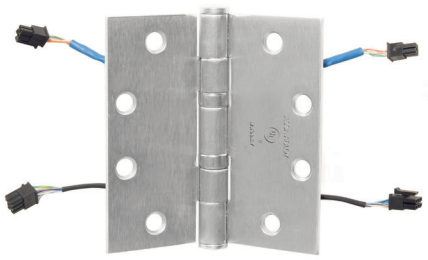
McKinney ElectroLynx® hinges and harnesses are required for hard-powered IN120 applications.

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)

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

PoE Hinges for IN220



Patented

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

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			

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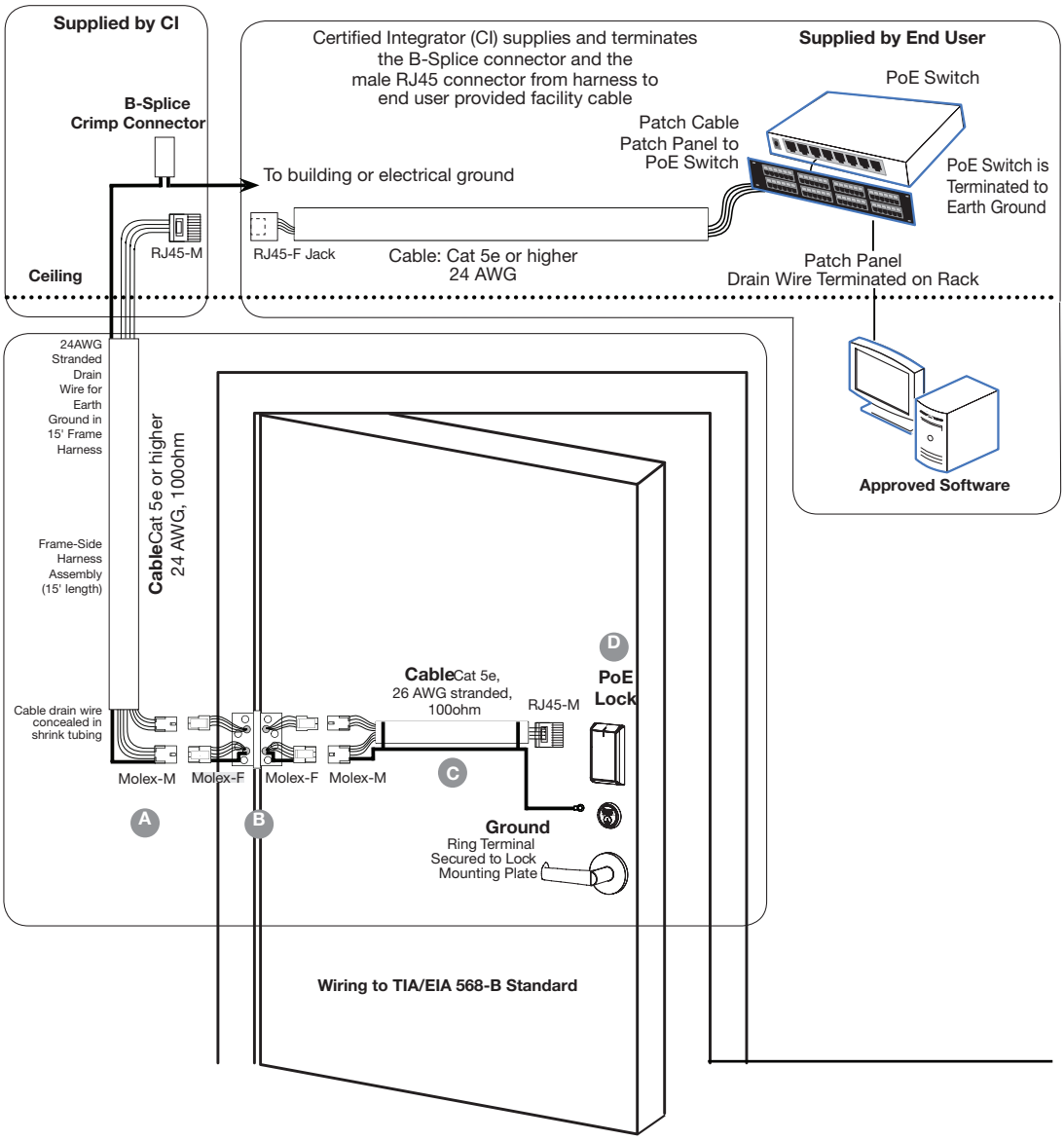
IN220 PoE System Architecture



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Accessories and Software

Cover Plate Kits

79-5000 32D	Mortise lock, IN120/IN220-82276 (key override, with deadbolt), 32D finish
79-5001 32D	Mortise lock, IN120/IN220-82277 (no key override, with deadbolt), 32D finish
79-5002 32D	Mortise lock, IN120/IN220-7978/82278 (key override, no deadbolt), 32D finish
79-5003 32D	Mortise lock, IN120/IN220-7979/82279 (no key override, no deadbolt), 32D finish
10-5008 32D	Cylindrical lock, IN120/IN220-10XG77 (with key override), 32D finish

WFCD1 Network and Lock Configuration Tool Kit*

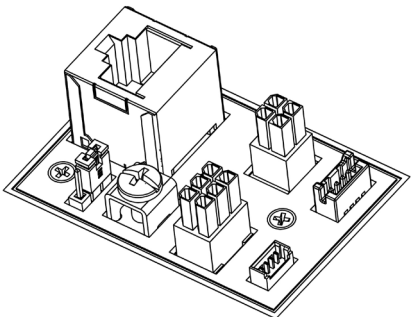
- Contains:
  - LCT software
  - Serial adapter cable (P/N 52-3956)
  - Users' manual (on CD)
  - Quick start guide
  - Configuration cards (to configure iCLASS Only Locks)
  - USB cable (P/N 52-1635)
- Required to configure network settings of IN220 locks

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.

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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.

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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

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

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.
To learn more about how to integrate these and other ASSA ABLOY products with your system, please call 800-810-WIRE.

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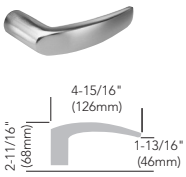
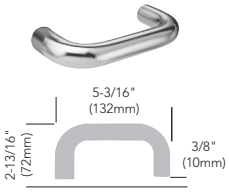
Standard Levers (7900 Series Mortise Locks)

- 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

BB



BJ



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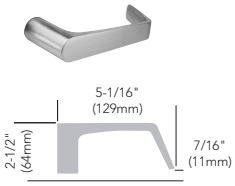

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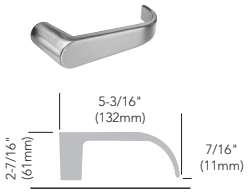
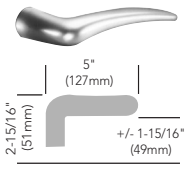


Standard Levers (8200 Series Mortise Locks, 80 Series Exit Devices, and 7300 Series Multi-Point Locks)

- 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 and meet California State Reference Fire Code
- All lever height (+/- 1/16") measurements represent total distance from door face

A



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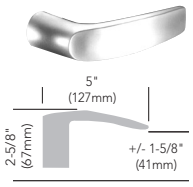

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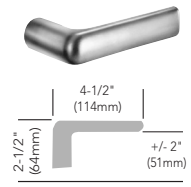

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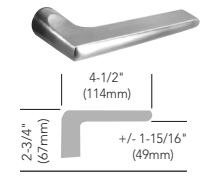
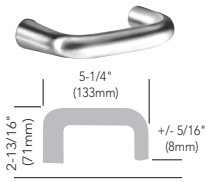


J



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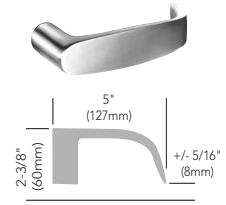

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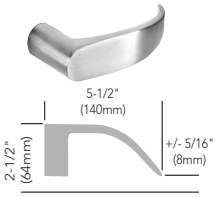

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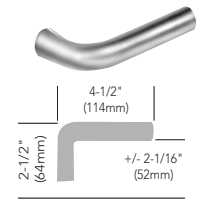

Standard lever options are only available with O roses.

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IN Series

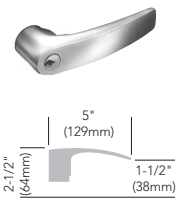
Intelligent IP-Enabled Access Control

SARGENT
ASSA ABLOY

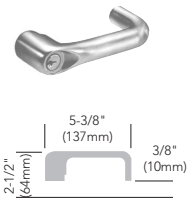
Standard Levers (10 Line Bored Locks)

- 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

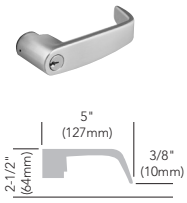
B



J



L



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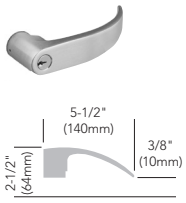
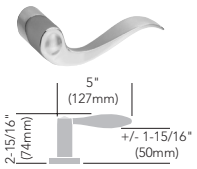


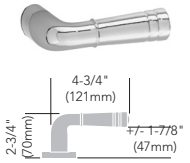
The Coastal Series™ (Mortise Locks, Bored Locks - Gulfport and Yarmouth only, or Exit Devices, and 7300 Series Multi-Point Locks)

- 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

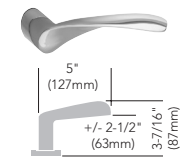
G - Gulfport™ (Handed)



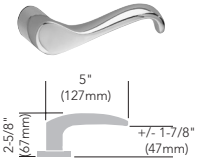
R - Rockport™



S - Sanibel™ (Handed)



Y - Yarmouth™ (Handed)



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Experience a safer and more open world

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 to mix and match styles and finishes.

Wooster Square Series

H001 H002[2] H003 H004 H005[2] H006[2]

Aventura Series

MB ME MF NF MG MI MW[2]

Gramercy Series[3]

RCM RAL REM RAM RAS RAG RGM

Centro Series

MD MJ MP [1] ND[2] NJ[2]

Odéon Series [1] (Handed Levers)

MN MH MS MU MV MX NS[2] NU[2]

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

MA MQ MT MY[2] MO MZ[2]

Berlin Series

H015 H016[2] H017 H018

Grant Park Series (H008 is handed)

H007 H008 H009 H010 H011

[1] Contact factory for current lead times. Not available in stainless steel finishes.

[2] Lever returns within 1/2" (13mm) of door face

[3] Gramercy levers are customized. See page 34 for ordering information

Note: H003 - H006 contains white or black polycarbonate insert

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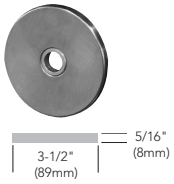
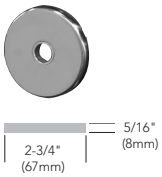
Standard Roses

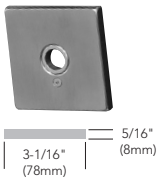
L



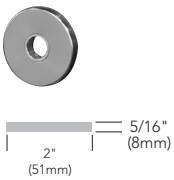
O



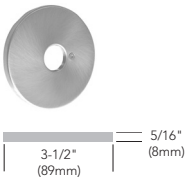
E
(Handed)



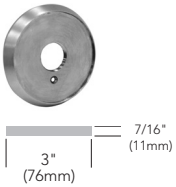
LN



SL

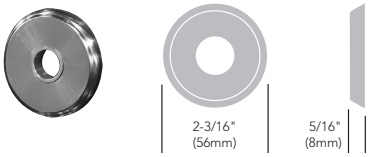


BH

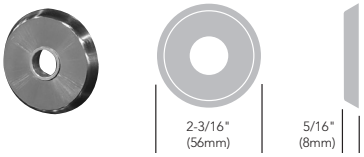


Coastal Series Roses

TR Traditional Rose
(Dual radii edge)



CR Contemporary Rose
(Beveled edge)



Lock Finish	Cylinder/Core*
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

*Finish when cylinder provided with lock

Available Finishes

03 Polished Brass

04 Satin Brass

09 Polished Bronze

10 Satin Bronze

10B Oxidized Bronze

10BE Dark Oxidized Satin Bronze — equivalent

10BL Oxidized Satin Bronze

20D Statuary Dark Bronze

14 Polished Nickel

15 Satin Nickel

26 Polished Chrome

26D Satin Chrome

32 Polished Stainless Steel

32D Satin Stainless Steel

BSP Black Suede Powder Coat

WSP White Suede Powder Coat

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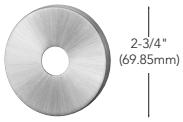
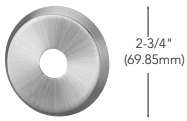
Studio Collection Trim

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

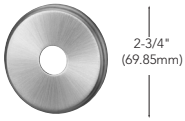
O



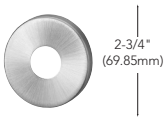
CO



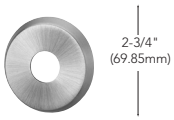
TO



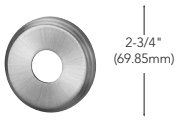
LN



CR



TR



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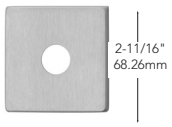

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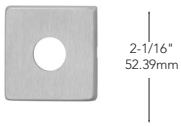
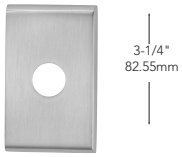


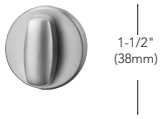
E4[1] (Handed)



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.

T1



T2

T3

Lock Finish	Cylinder/Core*
03, 04, 09, 10, 10B, 10BL, 20D	04
14, 15, 26, 26D, 32, 32D, WSP	15
BSP	BSP

*Finish when cylinder provided with lock

[1] 1KA square cylinder collar and 130KA square backplate automatically supplied with E2, E3 and E4 roses.

Available Finishes

03 Polished Brass

04 Satin Brass

09 Polished Bronze

10 Satin Bronze

10B Oxidized Bronze

10BE Dark Oxidized Satin Bronze — equivalent

10BL Oxidized Satin Bronze

20D Statuary Dark Bronze

14 Polished Nickel

15 Satin Nickel

26 Polished Chrome

26D Satin Chrome

32 Polished Stainless Steel

32D Satin Stainless Steel

BSP Black Suede Powder Coat

WSP White Suede Powder Coat

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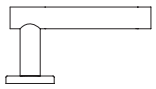
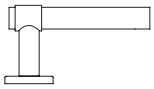
Ordering Gramercy Series Levers

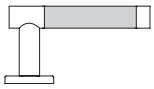
REM, RGM



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, BSBNBS or WSBNWS
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.

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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.

*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 reader trim (MB and MW) are not available in stainless steel (32/32D). If stainless steel finish is ordered, the reader will be provided in satin nickel (15). Contact Customer Service if another finish is desired.

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][2]	WiFi replacement kit (controller, plate, cover); black with metal trim
IN120-EM07-MW-[finish][2]	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][2]	PoE replacement kit (controller, plate, cover); black with metal trim
IN220-EM07-MW-[finish][2]	PoE replacement kit (controller, plate, cover); white with metal trim

Inside Escutcheon[1]

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

52-5373 Door Position Switch (DPS)[1]

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[1]	Inside Mounting Kit (mounting plate and hardware)

Lockbodies[1]

PART NUMBER	DESCRIPTION
IN120-7978-[finish][2]-[handing]	7900 mortise lockbody with cylinder (no deadbolt)
IN120-7979-[finish][2]-[handing]	7900 mortise lockbody only (no deadbolt, no cylinder)
IN120-82276-[finish][2]-[handing]	8200 mortise lockbody with deadbolt and cylinder
IN120-82277-[finish][2]-[handing]	8200 mortise lockbody with deadbolt (no cylinder)
IN120-82278-[finish][2]-[handing]	8200 mortise lockbody with cylinder (no deadbolt)
IN120-82279-[finish][2]-[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

[1] Reader modules, inside escutcheons, mounting kit, lockbodies, and door position switch can be used for both IN120 and IN220

[2] Specify finish

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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

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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- Uncombinated 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)

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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 Uncombinated 6-Pin SFIC (Permanent) Core (Packed loose for field keying) (10 Line J lever not available)
	65-73-7P-	Hardware provided to accept Uncombinated 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)

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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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