



# 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.*

## Product Catalog

Experience a safer  
and more open world

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

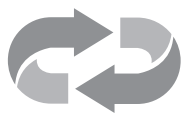
The Corbin Russwin IN120 and IN220 are part of the expanding ASSA ABLOY family of innovative products combining our proven mechanical locking devices with leading-edge technologies to provide integrated electronic access control solutions. As such, these products require training and certification for resellers and integrators to ensure proper product selection, successful deployment and customer satisfaction.

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 for details.

Sold through:



Authorized Channel Partner  
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Installed by:



Certified Integrator  
ASSA ABLOY

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Authorized Channel Partner  
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# Introduction

## IN Series Intelligent IP-Enabled Access Control

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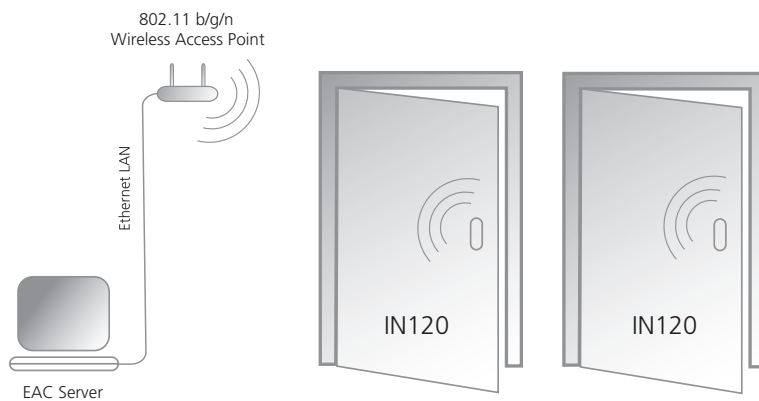
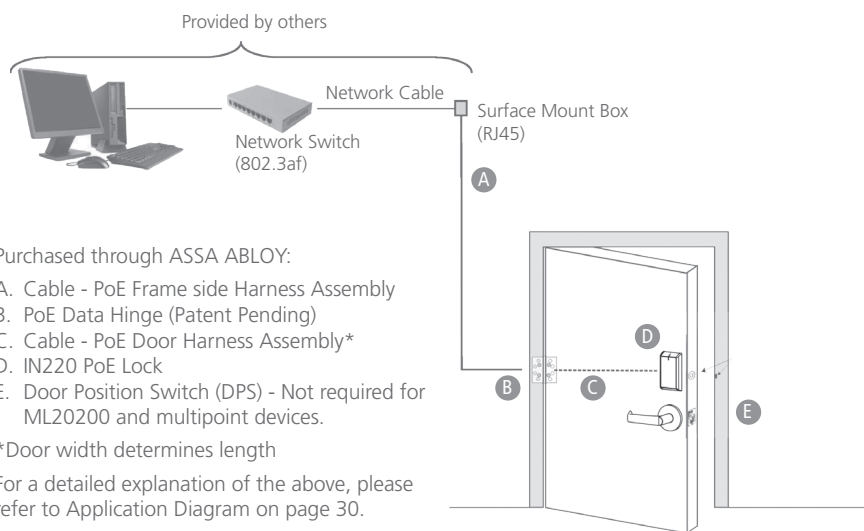
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The Corbin Russwin IN Series of IP-enabled locks pairs a sleek, attractive design with the latest in access control technology to address the evolving needs of today's facilities. Featuring HID® multiCLASS SE® technology, our innovative WiFi and PoE locks make it easy and affordable to expand your access control system by leveraging existing network infrastructure.





# Overview

## 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: <ul style="list-style-type: none"> <li>– Multiple credential types</li> <li>– HID Mobile Access® powered by Seos®, for iOS® and Android™ devices</li> </ul>		
Field selectable communication frequency	• Allows you to balance security requirements with battery life	●	
Reduced energy consumption and product sustainability measures	• 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 Corbin Russwin 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

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Overview

## IN Series Intelligent IP-Enabled Access Control

### Credential Support:

The IN Series IP-enabled locks feature HID® multiCLASS SE® technology to 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
  - Felica
  - PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit or 200-bit outputs)
- Low Frequency (125 kHz):
  - HID Prox®
- Optional keypad
  - PIN only usage or dual authentication needs

Note: If your site is planning to use multi-technology cards, please contact 800-810-WIRE for more information.

### 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.
- For assistance, email:  
OEMSupport\_Group@assaabloy.com
- Lock Management Tool available for small installations

\*Excludes CREK series.



**Optional Keypad**  
PIN only usage or dual authentication needs

### EAC Regulatory Compliance\*:

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



# Features

## ML2000 Mortise Locks



Mortise Lock  
ML2000

The IN Series mortise lock has a clean, crisp design and is available with a variety of lever designs and hardware finishes.

### Features

#### Handing

Handed; quick reversibility. The lockset can be re-handed without disassembling the lock body.

#### Door Thickness

1-3/4" (44mm) standard.  
Optional 2" (50mm) to 2-1/4" (57mm); see Quick Code section.

#### Backset

2-3/4" (70mm).

#### Lockcase

Heavy-gauge chrome plated steel,  
5-7/8" (149mm) x 4" (102mm) x 15/16"  
(24mm).

#### Front

Heavy-gauge steel, 8" (203mm) x 1-1/4"  
(32mm) x 3/32" (2mm). Accommodates  
non-beveled and beveled doors 1/8"  
(3mm) in 2" (51mm).

#### Armored Front

Wrought brass, bronze or stainless steel  
attached by machine screws to lockcase  
front.

#### Latch

Quick, reversible 2-piece mechanical with  
anti-friction insert 5/8" (16mm) x 1"  
(25mm) x 3/4" (19mm).

#### Auxiliary Latchbolt

9/16" (14mm) effective throw and  
3/8" (10mm) effective auxiliary latch  
deadlocking.

#### Deadbolt

One-piece stainless steel, 19/32" (15mm) x  
1-1/4" (32mm) x 1" (25mm) throw.

#### Hub

Steel, 5/16" (8mm).

#### Strike

Wrought brass, bronze or stainless steel  
ANSI straight lip standard, 4-7/8" (124mm)  
x 1-1/4" (32mm) x 1-1/8" (29mm) lip to  
center.

Optional strikes, lip lengths and ANSI  
wrought strike box available.

#### Cylinder

CR1000-118-A01, 6-pin, L4, keyed  
random,  
furnished standard for 1-3/4" (44mm)  
door.

Optional cylinders available.

#### Keying Features Available

Master keying

Construction master keying

Visual key control

Concealed key control

Interchangeable core (LFIC or SFIC)

Security

Security LFIC

Access 3

Access 3 LFIC

Pyramid

Pyramid LFIC

#### Environmental Specifications

##### Operating Temperature:

-13°F (-25°C) to 151°F (66°C)

##### Operating humidity:

Operates in condensing environments\*

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

#### EcoFlex®

EcoFlex technology reduces power  
consumption up to 92% as certified by  
GreenCircle

#### ML20100 Monitoring

- Request to Exit
- Door Position (external)

#### ML20200 Monitoring

- Request to Exit
- Deadbolt
- Auxiliary latch
- Latch bolt
- DPS cylinder monitoring (indirect)  
integrated into lock body

#### Warranty

10-year limited mechanical.  
2-year limited electrical.

#### Shipping Weight

Approx. 11 lbs.

### Certification/Compliance

#### ANSI/BHMA

Meets A156.13, Grade 1 requirements.  
Meets A117.1 Accessibility Code.  
Meets A156.25 requirements.

#### UL /ULC-UL10C Positive Pressure

All locks listed for A label and lesser class  
doors, 4' (122cm) x 10' (305cm) single  
or 8' (244cm) x 10' (305cm) pair. Letter F  
and UL symbol on armored front indicate  
listing.

Any retrofit or other field modification to  
a fire rated opening can potentially impact  
the fire rating of the opening, and Corbin  
Russwin, Inc. 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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# How to Order

## ML2000 IN Series Mortise Locks

Build your order string:

Function	Trim	Finish	Handing	Technology Code	Required Options		Other Options
					Reader Code	Reader Modifier	Cylinder, Strike, Door Thickness
ML20__	---	---	---	----	---	--	----

For finish, additional cylinder, and/or mechanical options, please refer to page 9.

Function	Type	Monitoring	Function Description	Reader Code	Credentials
ML20133 No Key Override No Deadbolt	Entry	<ul style="list-style-type: none"> <li>Request to Exit</li> <li>Door Position (external)</li> </ul>	<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid credential presented</li> </ul>	BIPS	All credentials supported by the IP option plus HID Mobile Access® powered by Seos® for use with Bluetooth Smart-enabled mobile phones
ML20134 With Key Override No Deadbolt	Entry		<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> <li>Key outside retracts latch</li> <li>No deadbolt function</li> </ul>	BCP	All credentials supported by the CP option plus HID Mobile Access® powered by Seos® for use with Bluetooth Smart-enabled mobile phones
ML20233 No Key Override No Deadbolt	Entry	<ul style="list-style-type: none"> <li>Request to Exit</li> <li>Deadbolt</li> <li>Auxiliary latch</li> <li>Latch bolt</li> <li>DPS cylinder monitoring (indirect) integrated into lock body</li> </ul>	<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> </ul>	IPV	Supports HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESFire® EV1 SE, FeliCa, HID Prox® PIV/PIV-I (64-bit BCD, 128-bit BCD or 200-bit outputs)
ML20234 With Key Override No Deadbolt	Entry		<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> <li>Key outside retracts latch</li> <li>No deadbolt function</li> </ul>	IKPV	All credentials supported by the IPV option plus keypad
ML20235 No Key Override With Deadbolt¹	Entry		<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch and deadbolt retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> </ul>	BIKPS	All credentials supported by the BIPS option plus keypad
ML20236 With Key Override With Deadbolt¹	Entry		<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch and deadbolt retracted by inside lever and deadbolt at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> <li>Key outside projects or retracts deadbolt and retracts latch</li> </ul>	BCKP	All credentials supported by the BCP option plus keypad
				DIPS	All credentials supported by the IPS option plus LenelS2 BlueDiamond™ mobile credentials
				DIKPS	All credentials supported by the IPS option plus LenelS2 BlueDiamond™ mobile credentials and keypad

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	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 Blackboard for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Reader Modifier	Description
B	Black reader, black trim
MB	Black reader, metal trim

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

Technology Code	Description
IN120	WiFi
IN220	PoE

1 Deadbolt required for escape return functionality (a residential requirement in Canada)



# How to Order

## ML2000 IN Series Mortise Locks

### Finishes

Description	Specify	Description	Specify	Description	Specify
Polished Brass, Clear Coated	605	Polished Nickel	618	Satin Stainless Steel	629*
Satin Brass, Clear Coated	606	Satin Nickel	619	Bright Stainless Steel	630*
Polished Bronze, Clear Coated	611	Polished Chrome	625	Satin Stainless Steel with MicroShield®	630C *
Satin Bronze, Clear Coated	612	Satin Chrome	626	Black Suede Powder Coat	BSP
Dark Oxidized Satin Bronze, Oil Rubbed	613	Satin Chrome with MicroShield®	626C	White Suede Powder Coat	WSP
Dark Oxidized Satin Bronze - Equivalent	613E	Black Oxidized Bronze, Oil Rubbed	722		

\*Metal escutcheon trim (MB) plated to match

### Roses

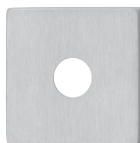
The roses shown are some of our most popular styles. To see the complete list of available roses, refer to page 34.



T



X



E2



E3



E4<sup>1</sup>

### Levers

The levers shown here are some of our most popular styles from the Muséo Collection. To see the complete range of levers, refer to pages 32-35.



102



103



110



124<sup>2</sup>



125<sup>2</sup>



123<sup>2</sup>

### Premium Levers



21M



21S



133



134<sup>2</sup>



136



138<sup>2</sup>

1 Rose design suites with IN220 reader.  
2 Lever returns within 1/2" (13 mm) of door face.



Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Quick Codes

## ML2000 IN Series Mortise Locks

### Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
<b>LFIC</b>	
LFIC 6-pin	C6
LFIC 6-pin Less Core	CL6
LFIC 6-Pin Disposable Core	CT6D
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 7-pin	C7
LFIC 7-pin Less Core	CL7
LFIC 7-Pin Disposable Core	CT7D
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
<b>SFIC</b>	
SFIC 6-pin	C6S
SFIC 6-pin Less Core	CL56
SFIC 6-Pin Disposable Core	CT6SD
SFIC 6-pin with Temporary Construction Core (Blue)	CT6SB
SFIC 7-pin	C7S
SFIC 7-pin Less Core	CL57
SFIC 7-Pin Disposable Core	CT7SD
SFIC 7-pin with Temporary Construction Core (Blue)	CT7SB
<b>Security</b>	
Security	HS
Security LFIC	CHS
<b>Access 3<sup>®</sup></b>	
Access 3 <sup>®</sup> Patented Fixed Core	AP
Access 3 <sup>®</sup> Security Fixed Core	AS
Access 3 <sup>®</sup> High Security Fixed Core	AHS
Access 3 <sup>®</sup> Patented LFIC	ACP
Access 3 <sup>®</sup> Security LFIC	ACS
Access 3 <sup>®</sup> High Security LFIC	ACHS
<b>Pyramid</b>	
Pyramid Security Fixed Core	PS
Pyramid High Security Fixed Core	PHS
Pyramid Security LFIC	PCS
Pyramid High Security LFIC	PCHS

### Cylinder and Keying

Description	Specify
Pyramid LFIC Less Core	CLP
Pyramid with Temporary Construction Core	CTP
Pyramid Disposable Core	CTPD
<b>UL Housing</b>	
LFIC 6-pin Less Core	CL6AH
LFIC 6-Pin Disposable Core	CTAHD
LFIC 6-pin with Temporary Construction Core (Red/Blue/Green)	CT6AH (R/B/G)
<b>Keying and Keys</b>	
0-bitted with 2 blank keys	OBit (standard)
Keyed Random	KR
Construction Master Keyed (not available for Pyramid)	CMK
Uncombined	UC
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)
<b>Visual key control (VKC)</b>	
No bitting or keyset stamping on keys or cylinder	VKC0
Keys only	VKC1
Cylinders and keys (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	VKC3
<b>Concealed key control (CKC)</b>	
CKC cylinders with VKC keys	CKC2
CKC cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	CKC3

### Thumbturns

Description	Specify
Decorative	MT1
Decorative Square	MT2
Decorative Cylinder	MT3

### Door Thickness

Door Thickness	Specify
1-3/4" (44mm)	(standard)
1-7/8" (48mm)	D178
2" (51mm)	D200
2-1/8" (54mm)	D218
2-1/4" (57mm)	D214

### Miscellaneous Options

Description	Specify
Torx <sup>®</sup> head screws	M04
ANSI wrought strike box	M17
Knurling outside and inside <sup>1</sup>	M20 <sup>2</sup>
Knurling outside only <sup>1</sup>	M21 <sup>2</sup>
Knurling inside only <sup>1</sup>	M22 <sup>2</sup>
Abrasive coat outside and inside <sup>1</sup>	M23
Abrasive coat inside only <sup>1</sup>	M24
Abrasive coat outside only <sup>1</sup>	M25

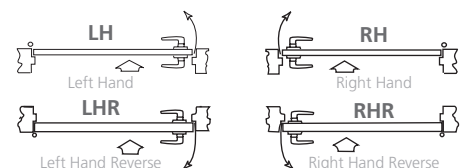
1 Not available with Vineyard or Museo levers.  
2 All levers provided in a powder coat finish will be supplied with an abrasive coating

### Strikes

ANSI Lip to Center	ANSI Straight Lip Specify	Curved Lip Specify
7/8" (22mm)	SS078	N/A
1-1/8" (29mm)	(standard)	N/A
1-1/4" (32mm)	SS114	SA114
1-3/8" (35mm)	SS138	SA138
1-1/2" (38mm)	SS112	SA112
1-3/4" (44mm)	SS134	SA134
2" (51mm)	SS200	SA200
2-1/4" (57mm)	SS214	SA214
2-1/2" (64mm)	SS212	SA212
2-3/4" (70mm)	SS234	SA234
3" (76mm)	SS300	SA300
Open Back Strike	Door Thickness	Specify
	1-3/4" (44mm)	SB134
	2" (51mm)	SB200
	2-1/4" (57mm)	SB214
Rabbeted front and strike - Specify		SR118

### Handing

Hand	Specify
Right Hand	RH
Left Hand	LH
Right Hand Reverse	RHR
Left Hand Reverse	LHR

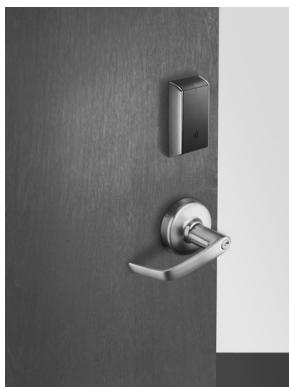


Note: Arrow indicates secure side of door.



# Features

## CLX3300 IN Series Cylindrical Lock



Cylindrical Lock  
CLX3300

CLX3300 Series is a cutting-edge lock that represents the pinnacle of security and design. With its advanced features and robust construction, it offers unrivaled protection for any facility. Boasting a wide array of lever designs, allowing for customization and integration with other Corbin Russwin locks, ensuring a consistent aesthetic throughout the premises.

### Features

#### Non-handed

#### Door Thickness

1-3/4" (44mm) to 2" (50mm) standard,  
2" (50mm) to 2-1/4" (57mm) optional

#### Lock Chassis

Steel, zinc dichromated for corrosion  
resistance.

#### Backset

2-3/4" (70mm) standard.  
Optional: 3-3/4" (95mm) and 5" (127mm).

#### Latchbolt

Stainless steel, 1/2" (13mm) throw.  
Optional: 3/4" (19mm) throw deadlocking  
fire latch for pair of doors.

#### Auxiliary Latchbolt

Deadlocking latchbolt prevents  
manipulation when door is closed.

#### Front

Wrought brass or stainless steel,  
2-1/4" (57mm) x 1-1/8" (29mm).  
Accommodates non-beveled and beveled  
doors 1/8" (3mm) in 2" (51mm).  
Optional: rounded corners.

#### Strike

Wrought brass or stainless steel ANSI  
curved lip standard, 4-7/8" (124mm) x  
1-1/4" (32mm) x 1-1/4" (32mm) lip to  
center.

Optional strikes, lip lengths and ANSI  
wrought strike box available

#### Cylinder

Brass, 6-pin, L4 keyway, 0-bitted standard.

#### Keying Features Available

Master keying  
Construction master keying  
Visual key control  
Concealed key control  
Interchangeable core (LFIC or SFIC)  
Security  
Security LFIC  
Access 3  
Access 3 LFIC  
Pyramid  
Pyramid LFIC

#### Environmental Specifications

- Operating temperature:  
-13°F (-25°C) to 151°F (66°C)
- Operating humidity: Operates in  
condensing environments\*

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

#### Keys

Two nickel silver standard.

#### Key Override

Standard. Not available with non-key  
override.

#### EcoFlex®

EcoFlex technology reduces power  
consumption up to 92% as certified by  
GreenCircle

#### Monitoring

- Request to Exit (Non-Handed)
- Door Position Switch (Supplied and  
mounted above the lock. Connects  
directly into the lock's electronics.)

#### Warranty

10-year limited mechanical;  
2-year limited electrical.

#### Shipping Weight

Approx. 11 lbs.

### Certification/Compliance

#### ANSI/BHMA

Meets A156.2 Grade 1 requirements.

#### California State Reference Code

(Formerly Title 19, California State Fire  
Marshal Standard) All levers with returns  
comply; levers return to within 1/2"  
(13mm) of door face.

#### UL IULC-UL10C Positive Pressure

All locks with 1/2" (13mm) throw  
latchbolt listed for A label and lesser class  
4' x 10' single doors. All locks with 3/4"  
(19mm) throw latchbolt listed for A label  
and lesser class 8' x 10' pairs of doors.  
Letter F and UL symbol on latch front  
indicate listing.

Any retrofit or other field modification to  
a fire rated opening can potentially impact  
the fire rating of the opening, and Corbin  
Russwin, Inc. 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.

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# How to Order

## CLX3300 IN Series Cylindrical Lock

Build your order string:

Function	Trim	Finish	Handing	Required Options			Other Options
				Technology Code	Reader Code	Reader Modifier	Cylinder, Strike, Door Thickness
CLX33134	---	---	---	-----	--	--	—

For finish, additional cylinder, and/or mechanical options, please refer to page 13.

Series/Function	Type	Function Description	Reader Code	Credentials
CLX33134 With Key Override	Entry	<ul style="list-style-type: none"> <li>Latch retracted by inside lever at all times.</li> <li>Key outside retracts latch.</li> <li>Outside lever locked (freewheeling) except when in "passage" mode or valid user code entered.</li> </ul>	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	PIV/PIV-I (40-bit BCD, 64-bit BCD, 75 bit, 128-bit BCD or 200-bit outputs)
Reader Modifier	Description			
B	Black reader, black trim			
MB	Black reader, metal trim			
Note: Metal trim is supplied in the finish specified in the order string.			IKPV	All credentials supported by the IPV option plus keypad
			BCP/ BCKP	Options supporting FeliCa credentials. Contact Blackboard for more details.
			DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Technology Code	Description
IN120	WiFi
IN220	PoE

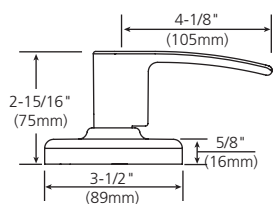


# Trim

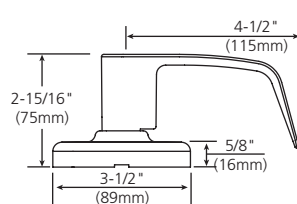
## CLX3300 IN Series Cylindrical Lock

### Levers - Solid Cast Zinc

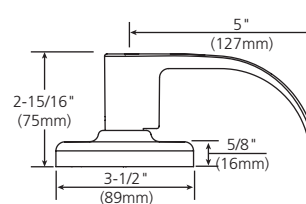
**Armstrong  
AZ**



**Newport\*  
NZ**

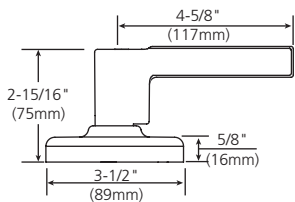


**Princeton\*  
PZ**

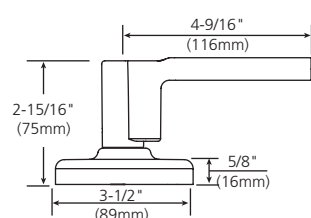


### Decorative Levers

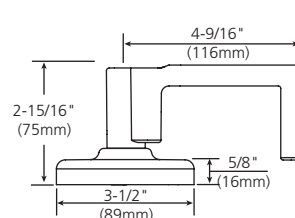
**102**



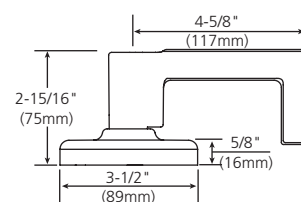
**106**



**123\***



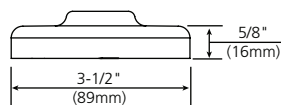
**124\***



\*Lever with return to within 1/2" of door face.

### Rose Wrought Brass

**D**



Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Quick Codes

## CLX3300 IN Series Cylindrical Lock

### Cylinders and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
<b>LFIC</b>	
LFIC 6-pin	C6
LFIC 6-pin Less Core	CL6
LFIC 6-Pin Disposable Core	CT6D
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 7-pin	C7
LFIC 7-pin Less Core	CL7
LFIC 7-Pin Disposable Core	CT7D
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
<b>SFIC (all lever designs)</b>	
SFIC 6-pin	C6S
SFIC 6- or 7-pin Disposable Core	CTSD
SFIC 6-pin with Temporary Construction Core (Blue)	CT6SB
SFIC 7-pin	C7S
SFIC 7-pin with Temporary Construction Core (Blue)	CT7SB
<b>Security</b>	
Security	HS
Security LFIC	CHS
<b>Access 3®</b>	
Access 3 Patented Fixed Core	AP
Access 3 Security Fixed Core	AS
Access 3 High Security Fixed Core	AHS
Access 3 Patented LFIC	ACP
Access 3 Security LFIC	ACS
Access 3 High Security LFIC	ACHS
<b>Pyramid</b>	
Pyramid Security Fixed Core	PS
Pyramid High Security Fixed Core <sup>1</sup>	PHS
Pyramid Security LFIC	PCS
Pyramid High Security LFIC	PCHS
Pyramid LFIC Less Core	CLP
Pyramid with Temporary Construction Core	CTP
Pyramid Disposable Core	CTPD

### Cylinders and Keying

Description	Specify
<b>Keying and Keys</b>	
0-bitted with 2 blank keys	(standard)
Keyed Random	KR
Construction Master Keyed	CMK
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)
<b>Visual Key Control (VKC)</b>	
No bitting or keyset stamping on keys	VKC0
Keys only	VKC1
Cylinders and keys (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	VKC3
<b>Concealed Key Control (CKC)</b>	
CKC cylinders with VKC keys	CKC2
CKC cylinders only (not for AS, AHS, ACS, ACHS, PHS, PCHS)	CKC3
Schlage® C keyway cylinder (0-Bitted or KR) <sup>1</sup>	C
SARGENT® LA keyway cylinder (0-Bitted) <sup>1</sup>	LA

### Finish

Description	Specify
Polished Brass, Clear Coated	605
Satin Brass, Clear Coated	606
Polished Bronze, Clear Coated	611
Satin Bronze, Clear Coated	612
Dark Oxidized Satin Bronze, Oil Rubbed	613
Dark Oxidized Satin Bronze - Equivalent	613E
Polished Nickel	618
Satin Nickel	619
Polished Chrome	625
Satin Chrome	626
Black Oxidized Bronze, Oil Rubbed	722
Satin Chrome with MicroShield®	626C
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

### Miscellaneous Options

Description	Specify
Spanner head screws	M02
Torx® head screws	M04
Less cylinder, with tailpiece for Schlage® 6-pin fixed core cylinder (all designs)	M06
Lever to accept 6 or 7-pin SFIC (all designs)	M08
Lever to accept SARGENT® 6-pin fixed core cylinder (all designs)	M09
Rounded corners on latch front	M13
3/4" (19mm) throw fire latch <sup>1</sup>	M16
ANSI wrought strike box	M17
Knurling outside and inside (AZ, NZ, PZ only)	M20 <sup>1</sup>
Knurling outside only (AZ, NZ, PZ only)	M21 <sup>1</sup>
Knurling inside only (AZ, NZ, PZ only)	M22 <sup>1</sup>
Abrasive coat outside and inside (AZ, NZ, PZ only)	M23
Abrasive coat inside only (AZ, NZ, PZ only)	M24
Abrasive coat outside only (AZ, NZ, PZ only)	M25
Lever to accept Schlage® LFIC (AZ, NZ, PZ only)	M69
Rigid outside lever when locked	M200
Less cylinder, with tailpiece for Yale® 6-pin fixed core cylinder (all designs)	YC
Less cylinder, with tailpiece for Yale® 7-pin fixed core cylinder (all designs)	YC7
Lever to accept Yale® 6-pin LFIC (AZ, NZ, PZ only)	YRC

<sup>1</sup> All levers provided in a powder coat finish will be supplied with an abrasive coating

### Strikes

Lip to Center	ANSI Curved Lip Specify	Curved Lip Box Specify
1" (25mm)	SA100	SC100
1-1/8" (29mm)	SA118	SC118
1-1/4" (32mm)	(standard)	SC114
1-3/8" (35mm)	SA138	SC138
1-1/2" (38mm)	SA112	SC112
1-3/4" (44mm)	SA134	SC134
2" (51mm)	SA200	SC200
2-1/4" (57mm)	SA214	SC214
2-1/2" (64mm)	SA212	SC212
2-3/4" (70mm)	SA234	SC234
3" (76mm)	SA300	SC300

### Door Thickness

Description	Specify
1-3/4" (44mm) - 2" (51mm)	(standard)
2" (51mm) - 2-1/4" (57mm)	D214



# Features

## ED5000N IN Series Exit Devices



Shown: ED5200S Exit Device  
With 9100 Series Trim

### Features

#### Handing

Device is handed but easily field reversible.  
Lever trim is handed.

#### Bar Length

Easily field cut to size.

Standard: 36" (914mm) bar fits 30" - 36"  
(762mm-914mm) door.

Optional: 24" (610mm) bar fits 24"  
(610mm) door; specify W024.

Optional: 48" (1219mm) bar fits 36" -48"  
(914mm-1219mm) door; specify W048.

#### Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

#### Stile

Minimum width 4-1/2" (114mm).

#### Latchbolt

Top: 3/4" (19mm) throw, stainless steel  
pullman-type with automatic deadlatching.  
Bottom: 5/8" (16mm) throw deadbolt, held  
retracted during door swin

#### EcoFlex®

EcoFlex technology reduces power  
consumption up to 89% as certified by  
GreenCircle

#### Monitoring

Request-to-Exit (Non-Handed)

Door Position Switch (DPS) (Supplied and  
mounted above the lock. Connects directly  
into the lock's electronics.)

#### Materials

Heavy-duty cold-forged steel chassis;  
heavy-gauge steel mechanisms,  
electroplated for corrosion resistance;  
finished parts are brass, bronze or stainless  
steel; stainless steel springs; nylon bearings.

#### Projection

3-1/4" (83mm) active, 2-3/4" (70mm)  
dogged.

#### Dogging

Standard on panic devices; single-point 1/4  
turn hex key dogging. Optional: less  
dogging, specify M51. Optional: cylinder  
dogging, specify M52. Mechanical dogging  
not available on fire-rated devices.

#### Fasteners

Standard on panic devices: machine screws  
and wood door fasteners.

Standard on fire-rated devices: sex nuts  
and bolts.

Optional on panic devices: sex nuts and  
bolts for use on wood, composite, or  
unreinforced metal doors; specify M54.

Optional wood screws for use on approved  
fire-rated solid wood or wood core doors.

Specify M64.

#### Strike

Optional strikes available; see Options and  
Accessories, page 17.

#### Cylinders

Cylinder not included unless specified. See  
Quick Codes, page 17.

#### Shim Kit

Optional for mounting device over raised  
vision light molding; specify M58.

#### Warranty

Five-year limited mechanical

2-year limited electrical

### Certification/Compliance

#### ANSI/BHMA

Meets A156.3, Type 2, Grade 1.

#### UL /cUL

All devices listed for safety as panic  
hardware; devices comply with UL 305  
standards for panic hardware. Three-  
hour fire-rated devices listed as fire exit  
hardware for A label and lesser class  
8' x 8' double doors; UL symbol on active  
case cover indicates listing.

Any retrofit or other field modification to a  
fire-rated opening can potentially impact  
the fire rating of the opening, and Corbin  
Russwin, Inc. 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.

#### California State Reference Code

This product has been approved by the  
California State Fire Marshal pursuant to  
section 13144.1 of the California Health  
and Safety Code.

#### NFPA

All exit devices comply with NFPA 101 Life  
Safety Code. All fire-rated devices comply  
with NFPA 80 Fire Doors and Windows.  
ADA Lever trims and pulls comply with  
Americans with Disabilities Act.

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# How to Order

## ED5000N IN Series Exit Devices

Build your order string:

Series	Function	Lever	Finish	Handing	Required Options			Other Options
					Technology Code	Reader Code	Reader Modifier	Cylinder, Strike, Door Thickness, Door Width
ED5_____	91_____	___	___	___	_____	___	__	_____

For finish, additional cylinder, and/or mechanical options, please refer to page 17.

Series/Function	Type	Function Description
ED5200(A)N & ED5200S(A)N x 9133	ED5233N - IN Series Rim Exit Device, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever locked (freewheeling) except when in passage mode or valid user code entered</li> </ul>
	ED5233AN - IN Series Rim Exit Device, Fire-Rated, No Key Override	
	ED5233SN - IN Series Rim Exit Device, Secure Bolt, No Key Override	
	ED5233SAN - IN Series Rim Exit Device, Secure-Bolt, Fire-Rated, No Key Override	
ED5200(A)N & ED5200S(A)N x 9134	ED5234N - IN Series Rim Exit Device, With Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever locked (freewheeling) except when in passage mode or valid user code entered</li> <li>Outside cylinder override allows lever to retract latch</li> </ul>
	ED5234AN - IN Series Rim Exit Device, Fire-Rated, With Key Override	
	ED5234SN - IN Series Rim Exit Device, Secure Bolt, With Key Override	
	ED5234SAN - IN Series Rim Exit Device, Secure-Bolt, Fire-Rated, With Key Override	
ED5633(A)LN x 9M133	ED5633LN - IN Series Mortise Exit Device, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever rigid except when in passage mode or valid user code entered</li> </ul>
	ED5633ALN - IN Series Mortise Exit Device, Fire-Rated, No Key Override	
ED5634(A)LN x 9M134	ED5633LN - IN Series Mortise Exit Device, With Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever rigid except when in passage mode or valid user code entered</li> <li>Outside cylinder override retracts latch</li> </ul>
	ED5634ALN - IN Series Mortise Exit Device, Fire-Rated, With Key Override	

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	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 Blackboard for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Reader Modifier	Description
B	Black reader, black trim
MB	Black reader, metal trim

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

Technology Code	Description
IN120	WiFi
IN220	PoE



# How to Order

## ED5000N IN Series Exit Devices

### Finishes

Description	Specify	Description	Specify	Description	Specify
Polished Brass, Clear Coated	605	Polished Nickel	618	Satin Stainless Steel	629*
Satin Brass, Clear Coated	606	Satin Nickel	619	Bright Stainless Steel	630*
Polished Bronze, Clear Coated	611	Polished Chrome	625	Satin Stainless Steel with MicroShield®	630C*
Satin Bronze, Clear Coated	612	Satin Chrome	626** (Trim only)	Black Suede Powder	BSP
Dark Oxidized Satin Bronze, Oil Rubbed	613	Black Oxidized Bronze, Oil Rubbed	722	White Suede Powder	WSP
Dark Oxidized Satin Bronze - Equivalent	613E				

\*Metal escutcheon trim (MB) plated to match  
\*\*Contact factory for devices needed in 626 finish

### Levers

The levers shown here are some of our most popular styles from the Muséo Collection. To see the complete range of levers, refer to pages 32-35.



102



103



110



124<sup>1</sup>



125<sup>1</sup>



123<sup>1</sup>

### Premium Levers



21M



21S



133



134<sup>1</sup>



136



138<sup>1</sup>

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



Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Quick Codes

## ED5000N IN Series Exit Devices

### Cylinders and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
<b>LFIC</b>	
LFIC 6-pin	C6
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 6-pin Less Core	CL6
LFIC 7-pin	C7
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
LFIC 7-pin Less Core	CL7
<b>SFIC</b>	
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
SFIC 7-pin with Less Core	CLS7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
<b>Security</b>	
Security	HS
Security IC	CHS
<b>Access 3®</b>	
Access 3® Patented	AP
Access 3® Security	AS
Access 3® High Security	AHS
Access 3® Patented IC	ACP
Access 3® Security IC	ACS
Access 3® High Security IC	ACHS
<b>Pyramid</b>	
Pyramid Fixed Core	PHS
Pyramid IC	PCHS
Pyramid IC Less Core	CLP
Pyramid with Temporary Construction Core	CTP
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid Disposable Core	CTPD

### Cylinders and Keying (Cont.)

Description	Specify
<b>Keying and Keys</b>	
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
Keyed Random (Standard)	KR
Construction Master Keyed (not available for Pyramid)	CMK
2 Keys per Cylinder	(standard)
More than 2 Keys	KY# (e.g., KY6)
<b>Visual Key Control</b>	
No Keying Data Stamped on Key or Cylinder	VKC0
Keys Only	VKC1
Cylinders and Keys (not for HS, CHS, PHS or PCHS)	VKC2
Cylinders Only (not for HS, CHS, PHS or PCHS)	VKC3
<b>Concealed Key Control (CKC)</b>	
- CKC Cylinders with VKC Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3

### Strikes

Description	Specify
Rim strike S02	S02
Mortise ANSI strike for pairs of doors with astragal	SS078
Open back strike for 1-3/4" doors	SB134
Open back strike for 2-1/4" doors	SB214

### Door Thickness

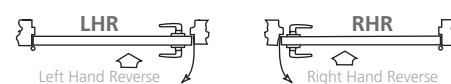
Door Thickness	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

### Door Width

Door Width	Specify
24" (610mm)	W024
36" (914mm)	(standard)
48" (1219mm)	W048

### Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR



Note: Arrow indicates secure side of door.

### Miscellaneous Options

Description	Specify
Torx® head screws	M04
Windstorm	M107
ANSI wrought strike box	M17
Knurling outside and inside <sup>1</sup>	M20 <sup>2</sup>
Knurling outside only <sup>1</sup>	M21 <sup>2</sup>
Knurling inside only <sup>1</sup>	M22 <sup>2</sup>
Abrasive coat outside and inside <sup>1</sup>	M23
Abrasive coat inside only <sup>1</sup>	M24
Abrasive coat outside only <sup>1</sup>	M25
Less dogging	M51
Cylinder dogging	M52
Sex nuts and bolts (SNBs)	M54
Shim kit (for vision light)	M58
Wood screws for use on fire-rated solid wood or wood core doors	M64

<sup>1</sup> Not available with Vineyard or Museo levers.

<sup>2</sup> All levers provided in a powder coat finish will be supplied with an abrasive coating



# Features

## PED5000 IN Series Exit Devices



PED5600 Exit Device  
With 9100PT Series Trim



EcoFlex technology reduces energy consumption, which lowers operation cost and reduces the number of power supplies required.

### Monitoring

Request-to-Exit (Non-Handed)  
Door Position Switch (DPS)\* (Supplied and mounted above the lock. Connects directly into the lock's electronics.)

### Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

### Projection

3.10" (79mm) active, 2.18" (55mm) dogged.

### Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging. Optional: less dogging, specify M51. Optional: cylinder dogging, specify M52. Mechanical dogging not available on fire-rated devices.

### Fasteners

Standard on panic devices: machine screws and wood door fasteners.  
Standard on fire-rated devices: Thrubolts.  
Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54.

### Strike

Optional strikes available; see Options and Accessories, page 22.

### Cylinders

Cylinder not included unless specified. See Quick Codes, page 22.

### Shim Kit

Reference PED5000 Series catalog for optional shims.

### Warranty

Ten-year limited mechanical  
2-year limited electrical

## Certification/Compliance

### ANSI/BHMA

Meets A156.3, Type 2, Grade 1.  
UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 8' double doors; UL symbol on active case cover indicates listing.

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. 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.

### California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

### NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows. ADA Lever trims and pulls comply with Americans with Disabilities Act.

Vertical rod configurations utilize Ease of Access (EA) with offset positioning - required

*\*For Double-door applications the DPS is installed in-between the active and inactive leaves. The DPS monitors both doors, but the REX only monitors the active leaf. To prevent door-force or door-held alarms, the alarms must be disabled.*

## Features

### Handing

Device is handed but easily field reversible.  
Lever trim is handed.

### Bar Length

Easily field cut to size.

W032: 24" to 32" (61 cm to 81 cm)  
W036: 32.5" to 36" (84 cm to 91 cm)  
W042: 36.5" to 42" (94 cm to 107 cm)  
W048: 42.5" to 48" (110 cm to 122 cm)

Note: Must specify rail length on order string to receive factory cut rail. (ex: W026 - 26" wide door) Available in 1/8" increments.

### Door Thickness

1-3/4" (44mm) standard.  
Optional: 2" (51mm); specify D200.  
Optional: 2-1/4" (57mm); specify D214.

### Stile

Minimum width 4-1/2" (114mm).

### Latchbolt

Top: 3/4" (19mm) throw, stainless steel pullman-type with automatic deadlatching.  
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing

Rim: 3/4" (19mm) throw stainless steel pullman-type latchbolt with stainless steel auxiliary deadlocking latch standard

Mortise: 2-piece mechanical 3/4" throw deadlocking stainless steel latchbolt

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# How to Order

## PED5000 IN Series Exit Devices

Build your order string:

Series	Function	Lever	Finish	Handing	Required Options			Other Options
					Technology Code	Reader Code	Reader Modifier	Cylinder, Strike, Door Thickness, Door Width
PED5233	9133PT	124	630	RHR	IN120	BIPS	B	---

For finish, additional cylinder, and/or mechanical options, please refer to page 22.



Rim



Surface Vertical Rod  
Ease of Access (EA- Option)



Mortise



Concealed Vertical Rod  
Ease Access (EA- Option)

Function	Type	Function Description	Trim
PED5233 (A)	PED5233 - IN Series Rim Exit Device, No Key Override PED5233A - IN Series Rim Exit Device, Fire-Rated, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever locked (rigid) except when in passage mode or valid user code entered</li> <li>No Key Override</li> </ul>	8133PT/9133PT
PED5234 (A)	PED5234 - IN Series Rim Exit Device, With Key Override PED5234A - IN Series Rim Exit Device, Fire-Rated, With Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever locked (rigid) except when in passage mode or valid user code entered</li> <li>Outside cylinder override allows lever to retract latch</li> <li>With Key Override</li> </ul>	8134PT/9134PT
PED5433 (A)	PED5433 - IN Series SVR Exit Device, No Key Override PED5433A - IN Series SVR Exit Device, Fire-Rated, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever locked (rigid) except when in passage mode or valid user code entered</li> <li>No Key Override. EA- Option Required.</li> </ul>	8M133PT/9M133PT
PED5633 (A)	PED5633 - IN Series Mortise Exit Device, No Key Override PED5233A - IN Series Mortise Exit Device, Fire-Rated, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever rigid except when in passage mode or valid user code entered</li> <li>No Key Override</li> </ul>	8M133PT/9M133PT
PED5634 (A)	PED5633 - IN Series Mortise Exit Device, No Key Override PED5233A - IN Series Mortise Exit Device, Fire-Rated, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever rigid except when in passage mode or valid user code entered</li> <li>With Key Override</li> </ul>	8M134PT/9M134PT
PED5833 (A)	PED5833 - IN Series CVR Exit Device, No Key Override PED5833A - IN Series CVR Exit Device, Fire-Rated, No Key Override	<ul style="list-style-type: none"> <li>Latch retracted by inside push pad at all times</li> <li>Outside lever rigid except when in passage mode or valid user code entered</li> <li>No Key Override. EA- Option Required.</li> </ul>	8CV133PT/9CV133PT



# How to Order

## PED5000 IN Series Exit Devices

Reader Modifier	Description
B	Black reader, black trim
MB	Black reader, metal trim

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

Technology Code	Description
IN120	WiFi
IN220	PoE

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	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 Blackboard for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# How to Order

## PED5000 IN Series Exit Devices

### Trim Finishes

Description	Specify
Polished Brass, Clear Coated	605
Satin Brass, Clear Coated	606
Polished Bronze, Clear Coated	611
Satin Bronze, Clear Coated	612
Dark Oxidized Satin Bronze, Oil Rubbed	613
Dark Oxidized Satin Bronze - Equivalent	613E
Oxidized satin, bronze, clear coated	613L
Polished Nickel	618

\*Metal escutcheon trim (MB) plated to match

\*\*Contact factory for devices needed in 626 finish

### Exit Device Finishes

Description	Specify
Polished Brass, Clear Coated	605
Satin Brass, Clear Coated	606
Polished Bronze, Clear Coated	611
Satin Bronze, Clear Coated	612
Dark Oxidized Satin Bronze, Oil Rubbed	613
Dark Oxidized Satin Bronze - Equivalent	613E
Oxidized Satin, Bronze, Clear Coated	613L
Satin Stainless Steel	629*
Bright Stainless Steel	630*
Satin Stainless Steel with MicroShield®	630C*
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

Note: Mixed finishes available please see  
PED5000 Series Catalog

\*Metal escutcheon trim (MB) plated to match

### Levers

The levers shown here are some of our most popular styles from the Muséo Collection. To see the complete range of levers, refer to pages 32-35.



102



103



110



124<sup>1</sup>



125<sup>1</sup>



123<sup>1</sup>

### Premium Levers



21M



21S



133



134<sup>1</sup>



136



138<sup>1</sup>

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



# Quick Codes

## PED5000 IN Series Exit Devices

### Cylinders and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
<b>LFIC</b>	
LFIC 6-pin	C6
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 6-pin Less Core	CL6
LFIC 7-pin	C7
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
LFIC 7-pin Less Core	CL7
<b>SFIC</b>	
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
SFIC 7-pin with Less Core	CLS7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
<b>Security</b>	
Security	HS
Security IC	CHS
<b>Access 3®</b>	
Access 3® Patented	AP
Access 3® Security	AS
Access 3® High Security	AHS
Access 3® Patented IC	ACP
Access 3® Security IC	ACS
Access 3® High Security IC	ACHS
<b>Pyramid</b>	
Pyramid Fixed Core	PHS
Pyramid IC	PCHS
Pyramid IC Less Core	CLP
Pyramid with Temporary Construction Core	CTP
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid Disposable Core	CTPD

### Cylinders and Keying (Cont.)

Description	Specify
<b>UL Housing</b>	
UL IC 6-pin housing less core	CL6AH
UL IC 6-pin housing w/ disposable core	CTAHD
UL IC 6-pin w/ temporary construction core (red)	CT6AHR
UL IC 6-pin w/ temporary construction core (blue)	CT6AHB
UL IC 6-pin w/ temporary construction core (green)	CT6AHG
<b>Keying and Keys</b>	
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
Keyed Random (Standard)	KR
Construction Master Keyed (not available for Pyramid)	CMK
2 Keys per Cylinder	(standard)
More than 2 Keys	KY# (e.g., KY6)
<b>Visual Key Control</b>	
No Keying Data Stamped on Key or Cylinder	VKC0
<b>Keys Only</b>	
Cylinders and Keys (not for HS, CHS, PHS or PCHS)	VKC2
Cylinders Only (not for HS, CHS, PHS or PCHS)	VKC3
<b>Concealed Key Control (CKC)</b>	
CKC Cylinders with VKC Keys	CKC2
CKC Cylinders Only (not for PHS, PCHS)	CKC3

### Strikes

Description	Specify
Half mortised strike	613
Mortised strike	642
Door pairs w/o mullion	644
Surface strike	649
Blade Stop Strike	657
Mullion Strike	658
Curved Lip Strike	C908
Open Back Strike	815
Flat lip strike	908

### Door Thickness

Door Thickness	Specify
1-3/4" (44mm)	D134 (standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

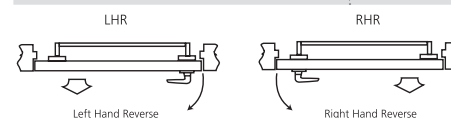
### Door Width

Code	Inches		Fractions	
	Measurement	Code	Measurement	
W024	24"	1	1/8"	
W025	25"	2	1/4"	
W026	26"	3	3/8"	
W027	27"	4	1/2"	
W028	28"	5	5/8"	
W029	29"	6	3/4"	
W030	30"	7	7/8"	
W031	31"			
W032	32"			
W033	33"			
W034	34"			
W035	35"			
W036	36"			
W037	37"			
W038	38"			
W039	39"			
W040	40"			
W041	41"			
W042	42"			
W043	43"			
W044	44"			
W045	45"			
W046	46"			
W047	47"			
W048	48"			

Note; Reference PED5000 catalog for door width example.

### Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR



Note: Arrow ( ) indicates secure side of door.

### Miscellaneous Options

Description	Specify
Security Fasteners	M04
Milled Outside Lever	M21 <sup>1</sup>
Abrasive Strip on Rail & Abrasive Coating on Outside Lever	M23
Abrasive Coating on Outside Lever	M24
Abrasive Strip on Rail	M25
Passage Dogging Indicator	M48
Less dogging	M51
Cylinder dogging	M52
Thrubolts	M54
Windstorm	M107
Ease of Access (Required for PED5400 and PED5800)	EA

<sup>1</sup> Not available with Museo levers.

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Features

## BL6600/FE6600/MP6600 Series Series Multi-Point Locks



### Features

#### Handing

Handed; quick reversibility. The lockset can be re-handed without disassembling the lock body.

#### Door Thickness

1-3/4" thick door only; fully integrated – 6600 is part of a complete ASSA ABLOY windstorm solution

#### Backset

2-3/4" (70mm).

#### Lockcase

Heavy-gauge chrome plated steel, 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).

#### Front

Heavy-gauge steel, 8" (203mm) x 1-1/4" (32mm) x 3/32" (2mm). Accommodates non-beveled and beveled doors 1/8" (3mm) in 2" (51mm).

#### Armored Front

Wrought brass, bronze or stainless steel attached by machine screws to lockcase front.

#### Device Type

Available with both BL (Blast) and FE (FEMA) prefixes

#### Top Bolt

Adjustable stainless steel 3/4" square bolt with 11/16" engagement; 5/16" steel reinforcement plate

#### Installation

Concealed vertical assembly (rods, latches and cassette) pre-installed in door

#### 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"

#### Strike

Wrought brass, bronze or stainless steel ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center.

#### Environmental Specifications

##### Operating Temperature:

-13°F (-25°C) to 151°F (66°C)

##### Operating humidity:

Operates in condensing environments

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

#### Monitoring

- Deadbolt
- Latch bolt
- DPS integrated into lock body
- Request to exit

#### Warranty

7-year limited mechanical.

2-year limited electrical.

#### Shipping Weight

Approx. 11 lbs.

### Certification/Compliance

#### ANSI/BHMA

Meets A156.37, Operational Grade 1 and Security Grade 1 requirements.

Meets A117.1 Accessibility Code.

Meets A156.25 requirements.

#### UL /ULC-UL10C Positive Pressure

All locks listed for A label and lesser class doors, 4' (122cm) x 8' (305cm) single or 8' (244cm) x 8' (305cm) pair. Letter F and UL symbol on armored front indicate listing.

#### Windstorm Certification

Windstorm certification information is listed in the Corbin Russwin 6600 Series catalog.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. 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.



# How to Order

## BL6600/FE6600/MP6600 Series Multi-Point Locks

Build your order string:

Function	Trim	Finish	Handing	Required Options			Other Options
				Technology Code	Reader Code	Reader Modifier	
66135	---	---	---	IN---	---	--	---

For finish, additional cylinder, and/or mechanical options, please refer to page 17.

Series/Function	Type	Function Description
BL/FE/MP66135 No Key Override With Deadbolt	Entry	<ul style="list-style-type: none"> <li>Deadlocking latch</li> <li>Latch and deadbolt retracted by inside lever at all times</li> <li>Outside lever rigid except when in "passage" mode or valid user code entered</li> </ul>
BL/FE/MP66136 Key Override With Deadbolt	Entry With Deadbolt	<ul style="list-style-type: none"> <li>Key outside retracts deadbolt. Key outside also retracts latch and unlocks outside when trim is locked electronically</li> <li>Top and bottom rods retracted by lever</li> <li>Deadbolt projected and retracted by thumbturn or key</li> </ul>

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	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 Blackboard for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Reader Modifier	Description
B	Black reader, black trim
MB	Black reader, metal trim

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

Technology Code	Description
IN120	WiFi
IN220	PoE

### Finishes

Description	Specify	Description	Specify	Description	Specify
Polished Brass, Clear Coated	605	Polished Nickel	618	Satin Stainless Steel	629*
Satin Brass, Clear Coated	606	Satin Nickel	619	Bright Stainless Steel	630*
Polished Bronze, Clear Coated	611	Polished Chrome	625	Satin Stainless Steel with MicroShield®	630C*
Satin Bronze, Clear Coated	612	Satin Chrome	626	Black Suede Powder Coat	BSP
Dark Oxidized Satin Bronze, Oil Rubbed	613	Satin Chrome with MicroShield®	626C	White Suede Powder Coat	WSP
Dark Oxidized Satin Bronze - Equivalent	613E	Black Oxidized Bronze, Oil Rubbed	722		

\*Metal escutcheon trim (MB) plated to match



Sold through:



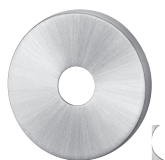
Authorized Channel Partner  
ASSA ABLOY

# How to Order

## BL6600/FE6600/MP6600 Series Multi-Point Locks

### Roses

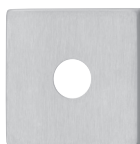
The roses shown are some of our most popular styles. To see the complete list of available roses, refer to pages 34.



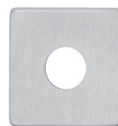
T



X



E2



E3



E4<sup>1</sup>

### Levers

The levers shown here are some of our most popular styles from the Muséo Collection. To see the complete range of levers, refer to pages 32-35.



102



103



110



124<sup>2</sup>



125<sup>2</sup>



123<sup>2</sup>

### Premium Levers



21M



21S



133



134<sup>2</sup>



136



138<sup>2</sup>

<sup>1</sup> Rose design suites with IN220 reader.

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

### Miscellaneous Options

Description	Specify
Torx® head screws	M04
ANSI wrought strike box	M17
Knurling outside and inside <sup>1</sup>	M20 <sup>2</sup>
Knurling outside only <sup>1</sup>	M21 <sup>2</sup>
Knurling inside only <sup>1</sup>	M22 <sup>2</sup>
Abrasive coat outside and inside <sup>1</sup>	M23
Abrasive coat inside only <sup>1</sup>	M24
Abrasive coat outside only <sup>1</sup>	M25

<sup>1</sup> Not available with Vineyard or Muséo levers.

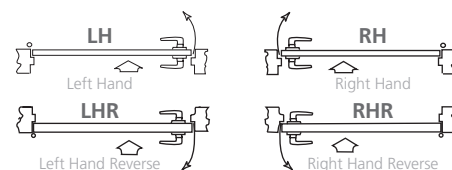
<sup>2</sup> All levers provided in a powder coat finish will be supplied with an abrasive coating

### Thumbturns

Description	Specify
Decorative	MT1
Decorative Square	MT2
Decorative Cylinder	MT3

### Handing

Hand	Specify
Right Hand	RH
Left Hand	LH
Right Hand Reverse	RHR
Left Hand Reverse	LHR



Note: Arrow indicates secure side of door.



# Retrofit Kits

## 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 Vineyard, Muséo Collection 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 #783F619) 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.

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

Technology	Function
IN120 WiFi	231 Rim exit device, key override
IN220 PoE	

Reader Modifier	Description
B	Black reader, black trim
MB	Black 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 (629/630).

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	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 Blackboard for more details.
DIPS/DIKPS	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Finishes	
Description	Specify
Polished Brass, Clear Coated	605
Satin Brass, Clear Coated	606
Polished Bronze, Clear Coated	611
Satin Bronze, Clear Coated	612
Dark Oxidized Satin Bronze, Oil Rubbed	613
Dark Oxidized Satin Bronze - Equivalent	613E
Polished Nickel	618
Satin Nickel	619
Polished Chrome	625
Satin Chrome	626
Satin Chrome with MicroShield®	626C
Bright Stainless Steel	629
Satin Stainless Steel	630*
Satin Stainless Steel with MicroShield®	630C*
Black Oxidized Bronze, Oil Rubbed	722
Black Suede Powder	BSP
White Suede Powder	WSP

\*Metal escutcheon trim (MB) plated to match

Sold through:



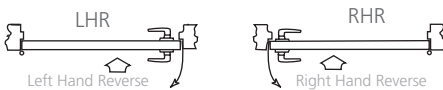
Authorized Channel Partner  
ASSA ABLOY

# Retrofit Kits

## Von Duprin 98/99 Series Rim Exit Devices

### Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR



Note: Arrow indicates secure side of door.

### Build your order string:

Function	Trim	Finish	Handing	Required Options				Other Options
				Technology Code	Escutcheon	Reader Code	Reader Modifier	Cylinder, Strike, Door Thickness
231	102	605	RHR	IN120	CREK1	BIPS	B	—

For finish, additional cylinder, and/or mechanical options, please refer to page 17.

### Escutcheon

CREK1 Plate for Von Duprin Retrofit Fit

### Lever

The levers shown here are some of our most popular styles from the Studio Collection. To see the complete range of available levers, refer to pages 31-32.



### Premium Levers



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



# Options & Accessories

## IN Series Intelligent IP-Enabled Access Control

### WFCD1 Lock Configuration CD Tool Kit\*

- Required to configure network settings of IN120 and IN220



#### Contains:

- Serial adapter cable (to order, specify 712F879)
- USB cable (P/N 783F909)
- Quick start guide
- iCLASS® Reader Configuration Cards Pack (WF001)



\*Lock Configuration Software is required to set up IN220 locks and is available for download at [IntelligentOpenings.com](http://IntelligentOpenings.com) (ACP/CI login required)



### Cover Plate Kits

Description	Part Number
IN220 mortise lock, ML20133 (no key override, no deadbolt)	784F137 630
IN220 mortise lock, ML20134 (key override, no deadbolt)	784F147 630
IN220 mortise lock, ML20135 (no key override, with deadbolt)	784F157 630
IN220 mortise lock, ML20136 (key override, with deadbolt)	784F167 630
IN220 cylindrical lock, CLX33134 (with key override)	784F177 630

### DHTA

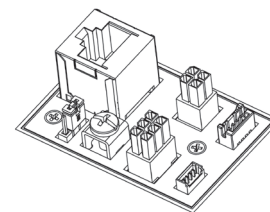
#### Power over Ethernet (PoE) Cable and Data Hinge Test Adapter

Developed for troubleshooting Corbin Russwin Access 700 PIP1, Access 800 IP1, and IN220 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



### Hard Power Option (M35)

The Hard Power option (Quick Code M35) 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 9-24VDC (UL 294 Listed Power Supply Required) and draws 300mA at 9VDC in always connected mode. Corbin Russwin offers a range of power supplies suitable for this application.

#### Operation

Power supplies are designed to provide reliable filtered and regulated power for long life to a variety of electrified hardware components. All modular power supplies are designed to meet UL 1481 Standards.

#### Features

- Fire panel emergency release input
- PC Board mounted system LED indicator
- Regulated and filtered with input and output protection
- Battery charging is provided from a separate output terminal

### Electrical Specifications

- Inputs: 115VAC @600mA
- Outputs: 12/24 VDC @ 1 Amp, 1.5 Amp or 4 Amp, Filtered and regulated output

### Listings

- UL & cUL listed 1012 General Purpose Power Supply
- Fire & Burglar Alarm Power Supply Unit URT2
- Releasing device Accessory SYSW
- Access Control Systems Units ALVY
- Burglar Alarm Systems Power Supply APHY

Model	Description
BPS-24-1	Power supply 1.0 amp @ 24 VDC output
BPS-24-2	Power supply 2 amp @ 24 VDC output
BPS-24-4	Power supply 4 amp @ 24 VDC output
BPS-12-1	Power supply 1 amp @ 12 VDC output
BPS-12-3	Power supply 3 amp @ 12 VDC output

### 784F199 Hard Power Cable Kit

- Included with M35 option units
- Allows for hard powering (M35) of Access 700 PW11 or IN120 (required for certain monitoring features)
- Compatible with ElectroLynx system

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

Sold through:



Authorized Channel Partner  
ASSA ABLOY

# Options & Accessories

## IN Series Intelligent IP-Enabled Access Control

### IN220 PoE Accessories

The following are required system components ordered through McKinney, in addition to the lock.

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)

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



### 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

### 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

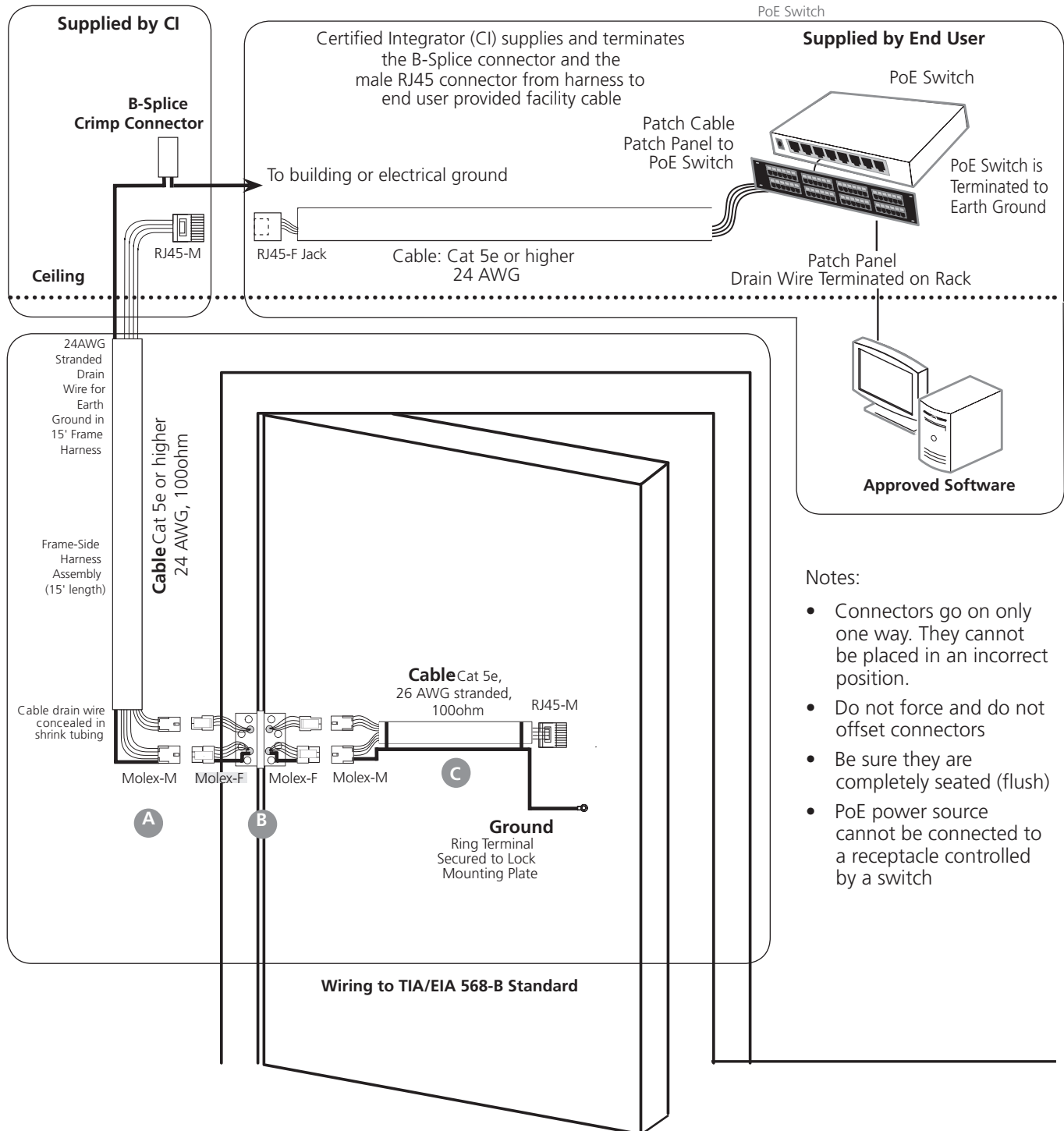
Note: One electrified hinge, door harness and frame harness are required for each PoE opening.



# Application Diagram

## IN220

Note:  
IN220 must be installed by a Certified Integrator (CI)



Notes:

- Connectors go on only one way. They cannot be placed in an incorrect position.
- Do not force and do not offset connectors
- Be sure they are completely seated (flush)
- PoE power source cannot be connected to a receptacle controlled by a switch

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# Lock Management Tool

## IN Series Intelligent IP-Enabled Access Control

### 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 802.3af 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

#### Lock Management Tool 7.0 System Requirements / Server Requirements:

- 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 sys admin account.

#### WFCD2 Lock Management Tool (LMT)

- 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)

- 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

The Corbin Russwin IP-enabled locks are managed by a range of access control and security systems. For more information on which systems support the Corbin Russwin IP-enabled locks, please contact your local ASSA ABLOY Door Security Solutions office, [www.assaabloydss.com](http://www.assaabloydss.com). To learn more about how to integrate these and other ASSA ABLOY products with your system, please call 800-810-WIRE. For a complete list of IP-enabled access control partners, visit [www.intelligentopenings.com](http://www.intelligentopenings.com).



# Available Trim Options

## IN Series Mortise Locks and Exit Devices

### Standard

Mortise Lock Trim									
	Armstrong	Newport	Princeton	Citation	Dirke	Essex	Lustra	Regis	
<b>A Rose</b>	ASA	NSA	PSA	CSA	DSA	ESA	LSA	RSA	
<b>B Rose</b>	ASB	NSB	PSB	CSB	DSB	ESB	LSB	RSB	
<b>E Rose</b>	ASF	NSF	PSF	CSF	DSF	ESF	LSF	RSF	

Exit Device Trim							
Armstrong	Newport	Princeton	Citation	Dirke	Essex	Lustra	Regis
A	N	P	C	D	E	L	R



Armstrong



Citation



Dirke



Essex



Lustra



Newport



Princeton



Regis

### Vineyard

Mortise Lock Trim			
	Frascati	Merlot	Zinfandel
<b>G Rose</b>	FSG	MSG	ZSG

Exit Device Trim		
Frascati	Merlot	Zinfandel
F	M	Z



Frascati



Merlot



Zinfandel



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# Available Trim Options

## IN Series Mortise Locks and Exit Devices

### The Muséo® Line

Josef						
	133	134	135	136	137 <sup>1</sup>	138 <sup>1</sup>
Georges						
	139	140 (Handed)	143			
Georgia						
	102 <sup>3</sup>	103	104 <sup>2</sup>	124 <sup>1,3</sup>	125 <sup>1</sup>	
Salvador						
	106 <sup>3</sup>	107	108	109	110	123 <sup>1,3</sup>
						
	128 <sup>1</sup>					
Marc <sup>2</sup>						
	111	112	114	115	116	
						
	131 <sup>1</sup>	151				
Laszlo						
	147	148	149	150		
Jackson <sup>2</sup>						
	105	117	119	121	126 <sup>1</sup>	152
Piet*						
	21L	21G	21M	21S	23M	25M
						
	27M					

1. Complies with codes requiring lever to return to within 1/2" (13mm) of door face.

2. Not available in 629 or 630 finish.

3. Cylindrical version available, see page 12.

Note: 135-138 levers contain white or black polycarbonate insert.

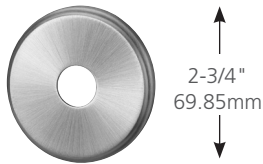
\*Piet levers are customized. See "How to Order" on page 35 for ordering information.



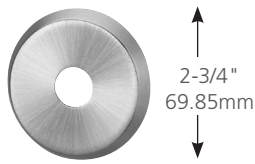
# Available Trim Options

## ML2000 IN Series Mortise Locks

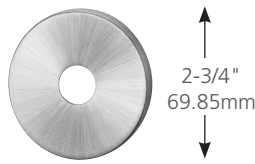
### The Muséo® Line Roses<sup>1</sup>



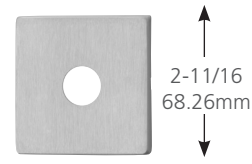
**V Rose**  
Wrought



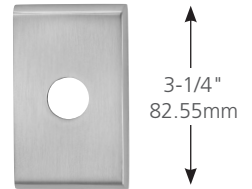
**U Rose**  
Wrought



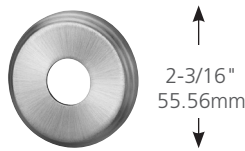
**T Rose**  
Wrought



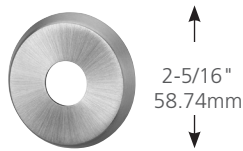
**E2 Rose<sup>2</sup>**  
Wrought



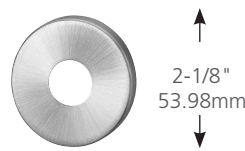
**E4 Rose<sup>2</sup>**  
Wrought



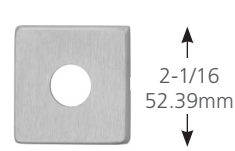
**Y Rose**  
Wrought



**W Rose**  
Wrought



**X Rose**  
Wrought



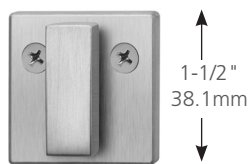
**E3 Rose<sup>2</sup>**  
Wrought

### Thumbturns<sup>3</sup>

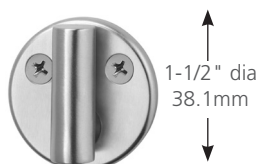
Specify quick code MT1, MT2, or MT3 for decorative turns. Standard thumbturn will be supplied without quick code.



**MT1**



**MT2**



**MT3**

### Notes:

1. Roses trim are only available with Muséo levers.
2. Square cylinder collar and thumbturn backplate automatically supplied with E2, E3, and E4 roses.
3. Thumbturn back plate will match shape of rose chosen (i.e. round or square).

# How to Order the Muséo® Piet Levers

## ML2000 IN Series Mortise Locks



**Grooved Insert  
21G**



**Leather Insert  
21L**



**Polished with  
Satin Insert  
21M**



**Santoprene™  
Insert  
21S**



**With Raised Band  
23M**



**Plain  
25M**



**Plain with Two  
Grooves  
27M**

### Piet Finish Codes

Finish	Piet Code*	Description
630	30	Satin Stainless Steel
629	29	Bright Stainless Steel
613E	3E	Dark Oxidized Satin Bronze, Equivalent
BSP	BS	Black Suede Powder Coat
WSP	WS	White Suede Powder Coat
N/A	BK	Black (Santoprene™ or leather insert)
N/A	BN	Brown (leather insert)
N/A	00	No Insert

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

### Piet Lever Descriptions & Available Finishes

Lever Designation	Lever Description	Available Finishes (as ordered)
21G	Grooved Insert	303030, 292929, 293029, 302930, 3E003E, BS00BS OR WS00WS
21L	Leather Insert	30BK30, 30BN30, 29BK29, 29BN29, 3EBK3E, BSBKBS, WSBKWS, 3EBN3E, BSNBBS OR WSNBWS
21M	Metallic Insert	293029**
21S	Santoprene Insert	30BK30, 29BK29, 3E003E, BS00BS or WS00WS
23M	Raised Band	290030, 290029, 300030, 300029, 3E003E, BS00BS OR WS00WS
25M	Plain	290029, 300030, 3E003E, BS00BS or WS00WS
27M	Two Grooves	290029, 300030, 3E003E, BS00BS or WS00WS

\*\*Two-tone finish - grip of lever is 630, balance of lever is 629. Rose/escutcheon and lock finish will be 629.

### Ordering Examples

Rose Options: E2, E3, E4, T, U, V, W, X, Y

Quantity	Series/ Function	Trim	Lever Finish	Lock Finish	Hand	Thumbturn Options
2	ML20134	21LU	29BK29	629	RH	MT3
1	ML20136	23ME3	290030	629	RH	MT3



# Common Replacement Parts

## IN Series Intelligent IP-Enabled Access Control

Catalog Number	Description
<b>Reader Modules<sup>1</sup></b>	
IN120-CREM01-[Credentials]-[Reader Modifier]	See below for Credentials and Reader Modifier

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	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 Blackboard for more details.
DIPS/DIKPS*	Options supporting LenelS2 BlueDiamond™ mobile credentials.

Reader Modifier	Description
B	Black reader, black trim
MB	Black 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 (629/630).

1. Reader modules, inside escutcheons, mounting kit, lockbodies, and door position switch can be used for both IN120 and IN220
2. Select from finishes on page 13

Catalog Number	Description	Color
<b>Replacement Kits</b>		
IN120-CREM07-B	WiFi replacement kit (controller, plate, cover)	Black
IN120-CREM07-MB-[finish] <sup>2</sup>	WiFi replacement kit (controller, plate, cover)	Black with metal trim
IN220-CREM07-B	PoE replacement kit (controller, plate, cover)	Black
IN220-CREM07-MB-[finish] <sup>2</sup>	PoE replacement kit (controller, plate, cover)	Black with metal trim

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# Common Replacement Parts

## IN Series Intelligent IP-Enabled Access Control

Catalog Number	Description
<b>Controllers</b>	
IN220-CREM03	PoE Controller
IN120-CREM04 <sup>3</sup>	Inside Mounting Kit (mounting plate and hardware)
IN120-CREM03	WiFi Controller

Catalog Number	Description
<b>Lock Bodies<sup>3</sup></b>	
783F938-[handing] <sup>1</sup> -[finish] <sup>2</sup>	ML20133/ML20134 Mortise lock, no deadbolt
783F948-[handing] <sup>1</sup> -[finish] <sup>2</sup>	ML20135/ML20136 Mortise lock, with deadbolt
885F980	CLX33134 Cylindrical lock, freewheeling lever (1-3/8" - 2-1/4" door)
885F990	CLX33134 Cylindrical lock, rigid lever (1-3/8" - 2-1/4" door)
816F048 [handing]*626	ML20233/ML20234 Lock Case - No Deadbolt
816F058 [handing]*626	ML20235/ML20236 Lock Case - With Deadbolt

Catalog Number	Description
<b>Inside Escutcheons<sup>3</sup></b>	
IN120-EM02-B	Black
IN120-EM02-MB-[finish] <sup>2</sup>	Black with metal trim

Catalog Number	Description
<b>Exit Device Replacement Parts<sup>3</sup></b>	
9133-[finish] <sup>2</sup>	Rim exit trim without cylinder
9134-[finish] <sup>2</sup>	Rim exit trim with cylinder
9M133-[finish] <sup>2</sup>	Mortise exit trim without cylinder
9M134-[finish] <sup>2</sup>	Mortise exit trim with cylinder

Catalog Number
<b>783F619 Door Position Switch (DPS)<sup>3</sup></b>
SPST concealed switch (2 wire)
Metal door adapter included
3/8" diameter for wood door
Supplied with IN120/IN220

1. Replace with handing (L, LR, R, RR)

2. Select from finishes on page 13

3. Reader modules, inside escutcheons, mounting kit, lockbodies, and door position switch can be used for both IN120 and IN220

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.



For additional information, contact your  
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sales consultant or visit [www.corbinruswin.com](http://www.corbinruswin.com).

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