



# Access 700 | PIP1

PoE Campus Access Control



DISCOVER YOUR WORLD



Experience a safer  
and more open world

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

The Corbin Russwin Access 700® PIP1 is 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:



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Installed by:



**Certified Integrator**  
ASSA ABLOY

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700 | PIP1

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# Overview

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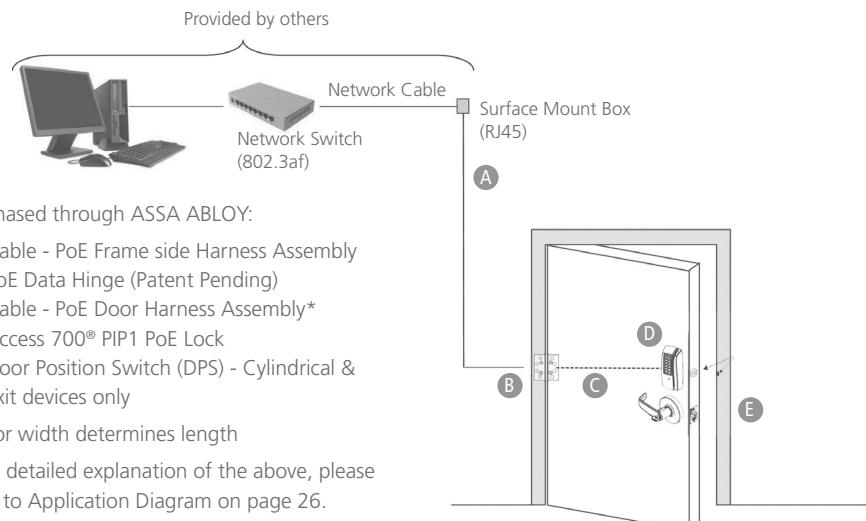
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The Corbin Russwin Access 700® PIP1 intelligent Power over Ethernet (PoE) lockset offers online access control, using magstripe, PIN code, and HID® multiCLASS SE® technologies for customized access to campus facilities. This offers an ideal solution for forward thinking campuses looking for an easy migration path to higher security credentials and mobile access.

### Access 700® PIP1 Online PoE (Power over Ethernet) Typical Application



### Access 700® PIP1 Lock Features and Benefits

Features	Benefits
Utilizes IEEE 802.3af PoE-enabled network infrastructure for both power and data	<ul style="list-style-type: none"><li>• Streamlines the installation process, reducing costs</li><li>• Eliminates the need for any proprietary equipment</li><li>• Enables real-time communication</li></ul>
HID® multiCLASS SE® Technology with magnetic stripe reader	<ul style="list-style-type: none"><li>• Provides heightened security</li><li>• Supports multiple credential technologies, offering easy migration from magnetic stripe or other contactless standards to higher security credentials or consolidation of mixed credentials</li><li>• Supports HID Mobile Access® powered by Seos®</li></ul>
Keypad option available	<ul style="list-style-type: none"><li>• Two-factor authentication offers enhanced security</li><li>• Lock operates regardless of network status*</li><li>• Supports up to 2,400/10,000 users**</li><li>• Provides a 10,000 event transaction history/audit trail</li></ul>
Intelligence built into lock for local decision making	<ul style="list-style-type: none"><li>• Allows shelter in place / local lockdown</li><li>• Enables privacy capabilities for applications such as residence halls</li><li>• Uses 76% less power in standby mode than traditional access control installations</li><li>• Reuses existing network infrastructure</li><li>• Streamlined system architecture provides improved reliability and reduces materials</li></ul>
Privacy button	<ul style="list-style-type: none"><li>• Flexibility to support various openings</li><li>• Assurance of high quality hardware</li><li>• Blends into any environment seamlessly</li><li>• Designed to meet the requirements of designers and architects</li></ul>
Reduced energy consumption and product sustainability measures	
Integrated ANSI/BHMA Grade 1 hardware, available in cylindrical lock, mortise lock, exit device and multi-point lock configurations	
Available with a wide range of finishes and decorative levers	

\*Requires power backup

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

# Overview

## Applications

### Access 700® PIP1 ideal for:

- Residence Halls
- Restrooms
- Dining Halls
- Libraries
- Book Stores
- Leisure Centers
- Sports Halls
- Classrooms
- Laboratories

## Technical Specifications

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

## Access Credentials

### Magnetic Stripe:

- Read speed: 4 to 40 in/s
- Card track: Track 2
- Card Coercivity: HiCo (4000 Oersted) or LoCo (300 Oersted)
- Time resolution on card:  
1 minute
- Magnetic head lifetime: 300,000 operations

### Keypad:

- PIN code: 4-digits with card, or 6-digits PIN only

### Credential Reader:

- 2.4 GHz credentials:
  - Secure Identity Object™ (SIO) on Mobile IDs (Bluetooth Smart)
- NFC & BLE-enabled Mobile Phones:
  - HID Mobile Access (BLE and 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-1 (40-bit BCD, 64-bit BCD, 75 bit,  
128-bit or 200-bit outputs)
- Low Frequency (125 kHz):
  - HID Prox®
  - AWID
  - EM4102
- 13.56 MHz credentials:
  - iCLASS®
  - iCLASS SE® (SIO-enabled)
  - iCLASS® Seos®
  - SIO on MIFARE® Classic
  - SIO on MIFARE DESfire® EV1
  - MIFARE Classic
  - DESfire EV1
  - NFC-enabled mobile phones
- 125 kHz credentials:

## Security

- AES 128-bit encryption

### EAC Regulatory Compliance:

- UL294 6th Edition (not applicable to FE6600)
- CAN/ULC S319 (not applicable to FE6600)
- BHMA A156.25 (not applicable to FE6600)

Sold through:



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# Overview



Cylindrical Lock -  
CL33700 x PWI1

Mortise Lock -  
ML20700 x PWI1

Exit Device -  
ED5000N x 9700 x PWI1

Multi-Point Lock -  
FE6600 x PWI1

## MA

**Magstripe Only** – Most existing magstripe ID cards work with the system including high coercivity magnetic stripe.

- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2

## KM

**Keypad & Magstripe**

- PIN code: 4-digits with card, or 6-digits PIN only
- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2

## IKMPS\*

**HID® multiCLASS SE® reader, Keypad & Magstripe**

- PIN code: 4-digits with card, or 6-digits PIN only
- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2
- iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)

## IMPS\*

**HID® multiCLASS SE® reader & Magstripe**

- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2
- iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)

## CKMP\*

**HID® multiCLASS SE® reader, keypad & magstripe**

- PIN code: 4-digits with card, or 6-digits PIN only
- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2
- FeliCa, keypad, mag stripe, Prox

## CMP\*

**HID® multiCLASS SE® reader & magstripe**

- Read speed: 4 to 40 in/s
- Magnetic head lifetime: 300,000 operations
- Card track: Track 2
- FeliCa, mag stripe, Prox

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

## PERSONA Campus™ Software Features

- PERSONA's Campus™ Software runs on a single PC as a stand alone or networked system
- Most existing magstripe ID cards work with the system including high coercivity magnetic stripe.
- Importing student or personnel information is easy (without duplicating existing databases)
- The System Events Log is password protected; level of security is user-configurable
- Time scheduling allows different access to various users at designated times throughout the day
- Can perform individual user or group searches and generate reports

# Features

## ML20700 x PIP1 Mortise Lock



Mortise Lock  
ML20700 x PIP1



Integration of Corbin Russwin mechanical locking security with PoE intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The ML20700 x PIP1 PoE locking solution features four operating modes: passage, card only, card plus PIN code, and PIN code only, providing scalable security credentials for any door, room or building.

Featuring EcoFlex™ technology, the integrated lockset uses a standard, high coercivity magnetic stripe card. Manual key override, a standard feature, provides for fail-safe backup in emergency situations.

Customize access, facilitated by on-board memory, lets you define unlimited access, extended-hours access or no access, by user, by facility, down to the individual lock. Audit trail capability provides a history of up to 10,000 events.

### Features

- ANSI/BHMA A156.13 Grade 1 mortise lock
- Complete, integrated lockset
- Optional patented security cylinder — for emergency key override
- Patented, quick reversible latchbolt, 2-piece mechanical with anti-friction insert 5/8" (16mm) x 1" (25mm) x 3/4" (19mm). U.S. Patent #6,349,982

### 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

- 3-hour UL fire rating for maximum security and safety  
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.
- All electronics and batteries mounted in inner escutcheon on secure side of door
- Keycard read upon removal ensuring that keycards are not left in the lock
- Available without keypad
- ADA compliant
- 10 year mechanical warranty; 2 year electrical component warranty

The Access 700® PIP1 ML20700 mortise lock with deadbolt is required for escape return functionality (a residential requirement in Canada). No other Access 700® PIP1 locks will support this requirement.

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# Functions

## ML20700 x PIP1 Mortise Lock

Outside	Inside	Series/Function	Type	Function Description
		ML20733 No 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 credential entered</li><li>• No deadbolt function</li></ul>
		ML20734 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 credential entered</li><li>• Key outside retracts latch</li></ul>
		ML20735 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 credential entered</li><li>• When deadbolt thrown, outside lever operable only with certain authorized credentials</li></ul>
		ML20736 With Key Override and 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 credential entered</li><li>• Key outside projects or retracts deadbolt and retracts latch</li><li>• When deadbolt projected, outside lever operable only with certain authorized credentials, or key (key retracts deadbolt and latch)</li></ul>

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

# Technical Features

## ML20700 x PIP1 Mortise Lock

### Technical Data

Card Track:	Track 2
Card Coercivity	HiCo (4000 Oersted)

### Monitoring

ML20700 x PIP1	Request to Exit (REX); Latchbolt (LX); Dead Bolt (DX); Auxiliary Latchbolt (AX)
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### Features

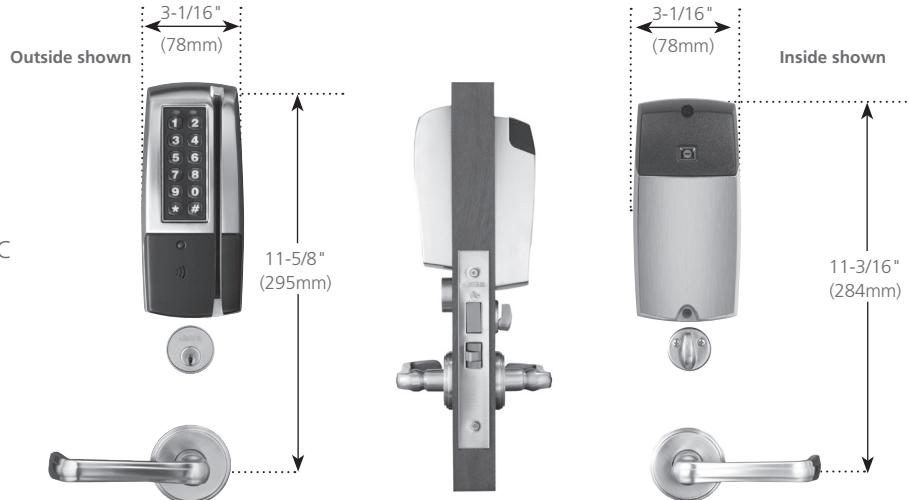
Operating Modes	<b>PIN required:</b> Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required <b>No PIN required:</b> Specify MA, IMPS, CMP; Only card is required
Passage Modes	<b>Automatic:</b> The door automatically becomes unlocked during any passage mode <b>Manual:</b> The door only becomes unlocked after the first card of the day is presented (within a schedule) or might optionally be configured to require two consecutive swipes to toggle the passage state

### Electrical Specifications

- Power supplied through Ethernet
- Class 1 Device defined by IEEE 802.3af requiring max 3.84 watts
- Network Drop Cable (by others) Specifications:
  - Cat5e or higher
  - Belden 1533P D15A1000 or equivalent
  - TIA/EIA-568-B
  - Shielded with drain wire
  - Plenum-rated
  - 24AWG
- FCC Part 15-compliant
- Network Surface Mount Box:
  - Cat5e or higher (RJ45)
  - TIA/EIA-568-B

### Inside/Outside Escutcheons

- Keys/buttons overmolded to prevent wear
- Zinc die cast
- Tactile keypad
- LED's indicate valid/invalid entries
- Escutcheon projection 1-11/16" (43mm)
- Operating temperature: -31°F to 150°F (-35°C to 65°C)
- Operating humidity: 5% to 95% relative humidity non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)



Sold through:

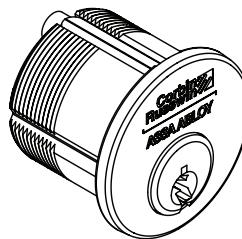
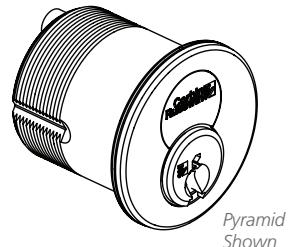
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# Cylinders

## ML20700 x PIP1 Mortise Lock

### Cylinders

- Conventional (standard)
- Pyramid (optional)
- Interchangeable Core (IC)
- 2 nickel silver keys
- Finishes: See Key Systems and Pyramid

Conventional  
(Fixed Core)Interchangeable Core  
(IC)

### Cylinder Quick Codes

Mortise Cylinder Type	Keyed Functions for 1-3/4" Door
Pyramid High Security (PHS)	1020-114-A01
Pyramid High Security Interchangeable Core (PCHS)	1030-114-A01
Pyramid Security (PS)	1027-114-A01
Pyramid Security IC (PCS)	1037-114-A01
Conventional 6-pin	1000-118-A01
7-pin (7P)	1000-114-A01
6-pin IC (C6)	1080-114-A01
7-pin IC (C7)	1080-112-A01-7
Security IC (CHS)	1090-114-A01
Security (HS)	1010-118-A01

For complete Pyramid information and options refer to Key Systems catalog.

To order optional cylinder with lockset, see Quick Codes, page 28.

To order cylinder separately, specify Part No. x Keyway x Finish (e.g., 1000-138-A01 x L4 x 626).



# Options & Accessories

## ML20700 x PIP1 Mortise Lock

### Strikes

#### ANSI Straight Lip (standard)

Brass, Bronze or Stainless Steel

Non-handed

4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center  
Optional lip lengths: 7/8" (22mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-1/2" (38mm),  
1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm),  
3" (76mm)

#### ANSI Curved Lip

Brass, Bronze or Stainless Steel

Handed 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center

Optional lip lengths: 1-3/8" (35mm), 1-1/2" (38mm),  
1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm),  
3" (76mm)



#### ANSI Wrought Strike Box

To order with lockset; see Quick Codes, page 8.

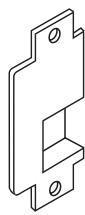
To order separately, specify 120F768.

		Part No.	Description
Latchbolt X Deadbolt		236L72	Straight Lip
		340L60	Curved Lip for RH, LHR
		340L61	Curved Lip for LH, RHR
Latchbolt Only		236L73	Straight Lip
		340L62	Curved Lip for RH, LHR
		340L63	Curved Lip for LH, RHR

To order strike with lockset, see Quick Codes, page 8. To order strike separately, specify Part No. x Lip Length x Finish (e.g., 340L60 x 1-1/2" x 626).

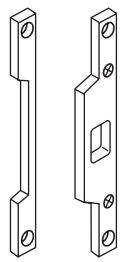
### Open Back

Size: 5-1/4" (133mm) x 1-1/4" (32mm)



Hand	Door Thickness	Part
LHR	1-3/4" (44mm)	411L63016
	2" (51mm)	411L63018
	2-1/4" (57mm)	411L63020
RHR	1-3/4" (44mm)	411L62016
	2" (51mm)	411L62018
	2-1/4" (57mm)	411L62020

To order with lockset; see Quick Codes, page 8.  
To order separately, specify Part No. x Door  
Thickness x Finish (e.g., 411L62 x 2" x 626).



### Rabbeted Front and Strike

Brass or bronze. For 1/2" (13mm) rabbet.

No optional lip lengths.

	Part No.	Hand
Latchbolt x deadbolt	318F66	RH/LHR
Latchbolt only	318F67	LH/RHR

To order with lockset; see Quick Codes, page 8.  
To order separately, specify Part No. x Finish  
(e.g., 318F66 x 626).

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ASSA ABLOY

# Quick Codes

## ML20700 x PIP1 Mortise Lock

### Cylinders and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
IC 6-pin	C6
IC 6-pin with Temporary Construction Core	
Red	CT6R
Blue	CT6B
Green	CT6G
CI 6-pin Less Core	CL6
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
IC 7-pin	C7
IC 7-pin with Temporary Construction Core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin Less Core	CL7
SFIC 7-pin with Less Core	CLS7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
Security	HS
Security IC	CHS
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
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
Keyed Random (Standard)	KR
Construction Master Keyed (not available for Pyramid)	CMK
Visual Key Control	
- No Keying Data Stamped on Key or Cylinder	VKCO
- Keys Only	VKC1
- Cylinders and Keys (not for HS, CHS, PHS or PCHS)	VKC2
- Cylinders Only (not for HS, CHS, PHS or PCHS)	VKC3
Concealed Key Control (CKC)	
- CKC Cylinders with VKC Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Lock	(standard)
More than 2 Keys	KY# (e.g., KY6)

### 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 <sup>1</sup>
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 <sup>3</sup>
Satin Stainless Steel	630 <sup>3</sup>
Satin Stainless Steel with MicroShield®	630C
Black Oxidized Bronze, Oil Rubbed	722 <sup>2</sup>
Black Suede Powder Coat	BSP
White Suede Powder Coat	WBSP

<sup>1</sup> New, March 2007<sup>2</sup> Formerly 613 prior to March 2007<sup>3</sup> Escutcheon finished to match 629, 630 finish

### 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	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	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

### Handing

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

### Door Thickness

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

Consult factory for door thicknesses greater than 2-1/4"

### Credential Quick Codes

Description	Specify
Magstripe Only	MA
Keypad & Magstripe	KM
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	IKMPS*
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, mag stripe	IMPS*
FeliCa, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	CKMP*
FeliCa, HID Prox®, NFC-enabled mobile phones, mag stripe	CMP*

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

### 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



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# Lever Trim Designs

## ML20700 x PIP1 Mortise Lock

Standard	Lever	A Rose	B Rose	F Rose	
Armstrong	ASA	ASB	ASF		Armstrong
Newport	NSA	NSB	NSF		Citation
Princeton	PSA	PSB	PSF		
Citation	CSA	CSB	CSF		
Dirke	DSA	DSB	DSF		
Essex	ESA	ESB	ESF		Essex*
Lustra	LSA	LSB	LSF		
Regis	RSA	RSB	RSF		



Lustra

Newport\*

Princeton\*

Regis

### Vineyard™

#### G Rose

Frascati	FSG
Merlot	MSG
Tuscany	TSG
Zinfandel	ZSG



Frascati

Merlot



Tuscany

Zinfandel

Sold through:

Authorized Channel Partner  
ASSA ABLOY

## Lever Trim Designs

ML20700 x PIP1 Mortise Lock

## The Muséo® Line

Georgia					
	102	103	104 <sup>2</sup>	124 <sup>1</sup>	125 <sup>1</sup>
Salvador					
	106	107	108	109	110
Marc <sup>2</sup>					
	111	112	114	115	130 <sup>1</sup>
Laszlo					
	147	148	149	150	
Jackson <sup>2</sup>					
	105	117	119	121	127 <sup>1</sup>
Piet*					
	21L	21G	21M	21S	25M
	27M				

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

2. Not available in 32D or 32 finish.

\*Piet levers are customized. See "How to Order" on page 14 for ordering information.



# How to Order

## ML20700 x PIP1 Mortise Lock

### Ordering Examples

#### Stock Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	ML20736	TCPIP1	LWA	626	RHR	IKMPS

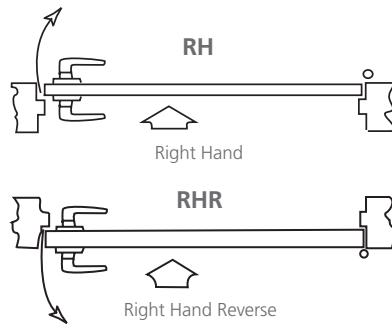
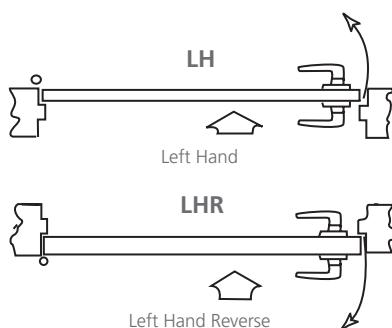
#### Split Trim/Finish Order

Quantity	Series/Function	Technology Code	Trim Outside	Trim Inside	Finish Outside	Finish Inside	Hand	Credential Quick Code
24	ML20735	TCPIP1	CSA	CSA	626	606	RHR	IMPS

#### Contract/Detailed Order

Quantity	Keyset	Series/Function	Technology Code	Trim	Finish	Hand	Door Thickness	Optional Strike	Optional Cylinder	Keying	Credential Quick Code
24	AA1	ML20734	TCPIP1	111X	626	RHR	D214	SA200	PS	VKC3	CKMP

#### Handing



Note: Arrow indicates secure side of door.

Sold through:



Access  
700 | PIP1

Corbin  
Russwin  
ASSA ABLOY

# How To Order

## ML20700 x PIP1 Mortise Lock

### Mortise Locksets

Function	Trim										Finish	Hand
	Standard			Muséo®								
ML20733										Vineyard™	605	RH
ML20734	ASA	ASB	ASF	102V	102U	102T	102Y	102X	102W	FSG	606	RHR
ML20735	NSA	NSB	NSF	103V	103U	103T	103Y	103X	103W	MSG	611	LH
ML20736	PSA	PSB	PSF	104V	104U	104T	104Y	104X	104W	TSG	612	LHR
	CSA	CSB	CSF	124V	124U	124T	124Y	124X	124W	ZSG	613	
	DSA	DSB	DSF	125V	125U	125T	125Y	125X	125W		618	
	ESA	ESB	ESF	106V	106U	106T	106Y	106X	106W		619	
	LSA	LSB	LSF	107V	107U	107T	107Y	107X	107W		625	
	RSA	RSB	RSF	108V	108U	108T	108Y	108X	108W		626	
				109V	109U	109T	109Y	109X	109W		722	
				110V	110U	110T	110Y	110X	110W		626C	
				123V	123U	123T	123Y	123X	123W			
				128V	128U	128T	128Y	128X	128W			
				129V	129U	129T	129Y	129X	129W			
				111V	111U	111T	111Y	111X	111W			
				112V	112U	112T	112Y	112X	112W			
				114V	114U	114T	114Y	114X	114W			
				115V	115U	115T	115Y	115X	115W			
				116V	116U	116T	116Y	116X	116W			
				130V	130U	130T	130Y	130X	130W			
				131V	131U	131T	131Y	131X	131W			
				132V	132U	132T	132Y	132X	132W			
				117V	117U	117T	117Y	117X	117W			
				126V	126U	126T	126Y	126X	126W			
				119V	119U	119T	119Y	119X	119W			
				121V	121U	121T	121Y	121X	121W			
				127V	127U	127T	127Y	127X	127W			
				21LV	21LU	21LT	21LY	21LX	21LW			
				21MV	21MU	21MT	21MY	21MX	21MW			
				21SV	21SU	21ST	21SY	21SX	21SW			
				23MV	23MU	23MT	23MY	23MX	23MW			
				25MV	25MU	25MT	25MY	25MX	25MW			



# Available Trim Options

## ML20700 x PIP1 Mortise Lock



**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, BSBNBS OR WSBNWS
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.

Sold through:



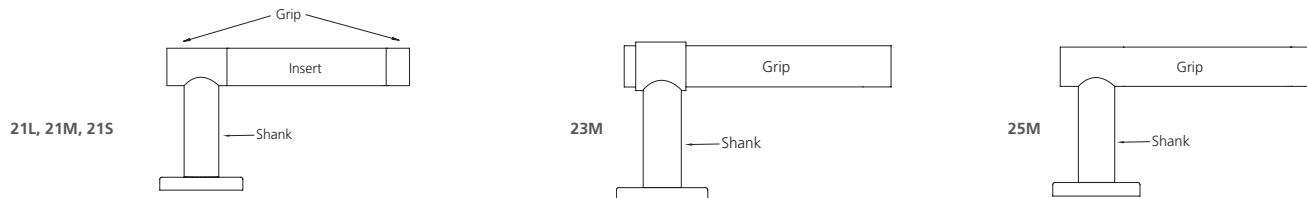
Access  
700 | PIP

Corbin  
Russwin  
ASSA ABLOY

# How To Order

## ML20700 x PIP1 Mortise Lock

### How to Order the Muséo® Piet Lever Collection



### Stock Order

Quantity	Series/ Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	ML20736	TCPIP1	21MV	293029	625	RHR	IKMPS

- › Muséo® Piet Lever 21M - Polished with Satin Insert – with V rose
- › 293029 Lever Finish
- Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Right hand reverse
- › iCLASS®, Keypad, Magstripe, Prox, smart card (MIFARE, DESFIRE)

### Stock Order

Quantity	Series/ Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	ML20735	TCPIP1	21MU	293029	625	RHR	IMPS

- › Muséo® Piet Lever 21M - Polished with Satin Insert – with U rose
- › 293029 Lever Finish
- Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Right hand reverse
- › iCLASS®, Magstripe, Prox, smart card (MIFARE, DESFIRE)

\* Escutcheons (lock finish) are plated to match polished stainless steel (629) and satin stainless steel (630) finishes.

# Features & Functions

## CL33700 x PIP1 Cylindrical Lock



Integration of Corbin Russwin mechanical locking security with PoE intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The CL33700 x PIP1 PoE locking solution features four operating modes: passage, card only, card plus PIN code, and PIN code only, providing scalable security credentials for any door, room or building.

The integrated lockset uses a standard, high coercivity magnetic stripe card. Manual key override, a standard feature, is provided for fail-safe backup in emergency situations.

Customized access, facilitated by on-board memory lets you define unlimited access, extended-hours access or no access, by user, by facility, down to the individual lock. Audit trail capability provides a history of up to 10,000 events.



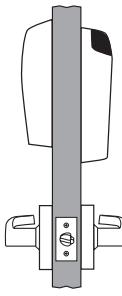
Cylindrical Lock  
CL33700 x PIP1

### Features

- ANSI/BHMA A156.2 Grade 1 lock
- Complete, integrated lockset
- Optional patented security cylinder – for emergency key override
- Stainless steel deadlocking latchbolt x 1/2" throw
- 3-hour UL fire rating for maximum security and safety

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.

- All electronics and batteries mounted in inner escutcheon on secure side of door
- Keycard read upon removal ensuring that keycards are not left in the lock
- Available without keypad
- ADA compliant
- 7 year mechanical warranty; 2 year electrical component warranties

Outside	Inside	Series/Function	Type	Function Description
		CL33734 With Cylinder	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 (free-wheeling) except when in "passage" mode or valid user code entered</li></ul>

Sold through:



Access  
700 | PIP1

Corbin  
Russwin  
ASSA ABLOY

# Technical Features

## CL33700 x PIP1 Cylindrical Lock

### Technical Data

Card Track:	Track 2
Card Coercivity	HiCo (4000 Oested)

### Monitoring

CL3370 x PIP1	Request to Exit (REX) (non-handed); external door position switch (DPS)
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### Features

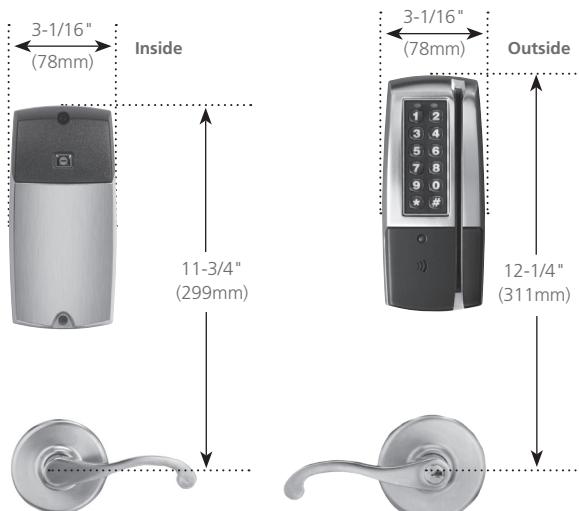
Operating Modes	<b>PIN required:</b> Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required <b>No PIN required:</b> Specify MA, IMPS, CMP; Only card is required
Passage Modes	<b>Automatic:</b> The door automatically becomes unlocked during any passage mode <b>Manual:</b> The door only becomes unlocked after the first card of the day is presented (within a schedule) or might optionally be configured to require two consecutive swipes to toggle the passage state

### Electrical Specifications

- Power supplied through Ethernet
- Class 1 Device defined by IEEE 802.3af requiring max 3.84 watts
- Network Drop Cable (by others) Specifications:
  - Cat5e or higher
  - Belden 1533P D15A1000 or equivalent
  - TIA/EIA-568-B
  - Shielded with drain wire
  - Plenum-rated
  - 24AWG
- FCC Part 15-compliant
- Network Surface Mount Box:
  - Cat5e or higher (RJ45)
  - TIA/EIA-568-B

### Escutcheons

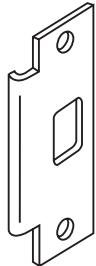
- Zinc die cast
- Tactile keypad
- LED's indicate valid/invalid entries
- Keys/buttons overmolded to prevent wear
- Escutcheon projection 1-11/16" (43mm)
- Operating temperature: -31°F to 150°F (-35°C to 65°C)
- Operating humidity: 5% to 95% relative humidity non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)



# Options & Accessories

## CL33700 x PIP1 Cylindrical Lock

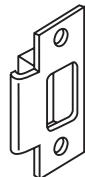
### Strikes



#### ANSI Curved Lip (standard)

Brass or stainless steel,  
4-7/8" (124mm) x 1-1/4" (32mm) x  
1-1/4" (32mm) lip to center.  
Optional lip lengths: 1" (25mm),  
1-1/8" (29mm), 1-3/8" (35mm), 1-1/2" (38mm),  
1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm),  
2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm).

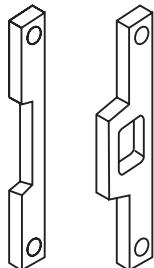
- To order with lockset, see Quick Codes on next page.
- To order separately, specify 217L13 x Lip Length x Finish.



#### Curved Lip Box

Brass, 2-3/4" (70mm) x 1-1/8" (29mm)  
x 1-1/4" (32mm) lip to center.  
Optional lip lengths: 1" (25mm), 1-1/8" (29mm),  
1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm),  
2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm),  
2-3/4" (70mm), 3" (76mm).

- To order with lockset, see Quick Codes on next page.
- To order separately, specify 586L19 x Lip Length x Finish.



#### Rabbeted Front and Strike

Brass, 4" (102mm) x 5/8"  
(16mm) for 1/2" (13mm) rabbet.  
No optional lip lengths.

- To order with lockset, see Quick Codes on next page.
- To order separately, specify 601F28 x Finish.



#### ANSI Wrought Strike Box

- To order with lockset, see Quick Codes on next page.
- To order separately, specify 120F768.

Sold through:



Access 700 | PIP1

Corbin Russwin  
ASSA ABLOY

# Quick Codes

## CL33700 x PIP1 Cylindrical Lock

### Cylinders and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
Security	HS
Security IC	CHS
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid High Security Fixed Core	PHS
Pyramid High Security IC	PCHS
Pyramid with Temporary Construction Core	CTP
Pyramid Less Core	CLP
IC 6-pin	C6
IC 6-pin with Temporary Construction Core	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin Less Core	CL6
IC 7-pin	C7
IC 7-pin with Temporary Construction Core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin Less Core	CL7
Pyramid Disposable Core	CTPD
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
SFIC 6- or 7-pin Small Format Disposable Core	CTSD
0-Bitted with 2 Blank Keys	(standard)
Keyed Random	KR
Construction Master Keyed	CMK
Visual Key Control (VKC)	
- No Bitting or Keyset Stamping on Keys	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
Concealed Key Control (CKC)	
- CKC Cylinders with VKC Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Lock	(standard)
More than 2 Keys	KY# (e.g., KY6)
Schlage® C Keyway cylinder, Schlage® LA Keyway cylinder, 1 Available 0-bitted & keyed random (KR) only 2 Available 0-bitted only	C 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, Clear Coated	613L
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
Torx® Head Screws	M04
Less cylinder, with tailpiece for Schlage® cylinder	M06
Lever to accept Best® type core (NZD & PZD designs only)	M08
Lever to accept SARGENT® cylinder (NZD & PZD design only)	M09
Rounded corners on latch front	M13
3/4" (19mm) throw fire latch	M16
ANSI wrought strike box	M17
Knurling outside and inside	M20*
Knurling outside only	M21*
Knurling inside only	M22*
Abrasive coat outside and inside	M23
Abrasive coat inside only	M24
Abrasive coat outside only	M25
Lever to accept Schlage® interchangeable core (NZD & PZD design only)	M69

\*All levers provided in a powder coat finish will be supplied with an abrasive coating

### Backset

Description	Specify
2-3/4" (70mm)	(standard)
3-3/4" (95mm)	B334
5" (127mm)	B500

### Door Thickness

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

### Credential Quick Codes

Description	Specify
Magstripe Only	MA
Keypad & Magstripe	KM
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	IKMPS*
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, mag stripe	IMPS*
FeliCa, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	CKMP*
FeliCa, HID Prox®, NFC-enabled mobile phones, mag stripe	CMP*

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

### 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

Rabbeted front and strike Specify SR118

### Handing

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

# How to Order

## CL33700 x PIP1 Cylindrical Lock

### Ordering Examples

#### Stock Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	CL33734	TCPIP1	NZD	626	RHR	IKMPS

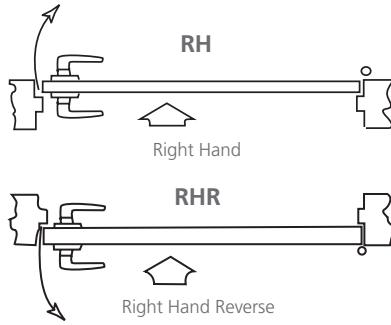
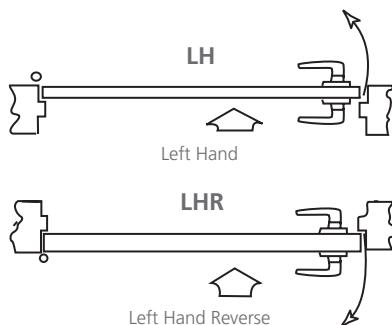
#### Split Trim/Finish Order

Quantity	Series/Function	Technology Code	Trim Outside	Trim Inside	Finish Outside	Finish Inside	Hand	Credential Quick Code
24	CL33734	TCPIP1	NZD	AZD	626	625	LH	IMPS

#### Contract/Detailed Order

Quantity	Keyset	Series/Function	Technology Code	Trim	Finish	Hand	Door Thickness	Optional Strike	Optional Cylinder	Keying	Credential Quick Code
24	AA1	CL33734	TCPIP1	FZD	626	RHR	D214	SA200	PS	VKC3	CKMP

#### Handing



Note: Arrow indicates secure side of door.

Sold through:



Access  
700 | PIP1

Corbin  
Russwin  
ASSA ABLOY

# How to Order & Lever Trim Designs

CL33700 x PIP1 Cylindrical Lock

## Cylindrical Locksets

Function	Trim	Finish	Hand	Backset
CL33734	Standard	605	RH	(standard)
		606	RHR	B334
		611	LH	B500
		612	LHR	
		613		
		618		
		619		
		625		
		626		
		722		
		626C		
		BSP		
		WSP		

## Standard

Lever	D Rose			
Armstrong	AZD		Armstrong	
Newport	NZD		Newport*	
Princeton	PZD		Princeton*	

## Vineyard™

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

# Features

## ED5000N 9700 x PIP1 Exit Device



Integration of Corbin Russwin life safety mechanical exit devices with PoE intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The ED5000N x 9700 x PIP1 PoE locking solution features four operating modes: passage, card only, card plus PIN code, and PIN code only, providing scalable security credentials for any door, room or building.

Featuring EcoFlex technology, the integrated lockset uses a standard, high coercivity magnetic stripe card. Manual key override, a standard feature is provided for fail-safe backup in emergency situations.

Customized access, facilitated by on-board memory lets you define unlimited access, extended-hours access or no access, by user, by facility, down to the individual lock. Audit trail capability provides a history of up to 10,000 events.



Exit Device  
ED5000N x 9700 x PIP1

### Features

- ANSI/BHMA A156.3 Grade 1 Exit Device
- Complete, integrated lockset
- Optional patented security cylinder — for emergency key override
- 3-hour UL fire rating for maximum security and safety

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.

- All electronics and batteries mounted in inner escutcheon on secure side of door
- Keycard read upon removal ensuring that keycards are not left in the lock
- Available without keypad
- EcoFlex™ technology offers improved battery life
- ADA compliant
- 5 year mechanical warranty; 2 year electrical component warranty

## SECUREBOLT®

Featuring SecureBolt®  
locking security



Exit Device  
ED5600N x PIP1

Sold through:



Access 700 | PIP1

Corbin Russwin  
ASSA ABLOY

# Technical Features

## ED5000N 9700 x PIP1 Exit Device

### Technical Data

Card Track:	Track 2
Card Coercivity	HiCo (4000 Oested)

### Monitoring

ED5000N 9700 x PIP1	Request to Exit (REX); external door position switch (DPS)
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### Features

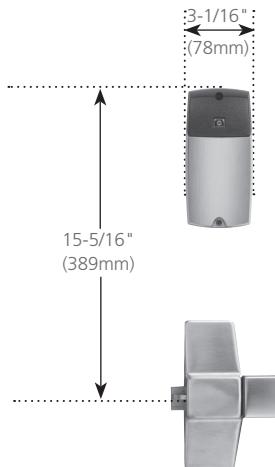
Operating Modes	<b>PIN required:</b> Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required <b>No PIN required:</b> Specify MA, IMPS, CMP; Only card is required
Passage Modes	<b>Automatic:</b> The door automatically becomes unlocked during any passage mode <b>Manual:</b> The door only becomes unlocked after the first card of the day is presented (within a schedule) or might optionally be configured to require two consecutive swipes to toggle the passage state

### Electrical Specifications

- Power supplied through Ethernet
- Class 1 Device defined by IEEE 802.3af requiring max 3.84 watts
- Network Drop Cable (by others) Specifications:
  - Cat5e or higher
  - Belden 1533P D15A1000 or equivalent
  - TIA/EIA-568-B
  - Shielded with drain wire
  - Plenum-rated
  - 24AWG
- FCC Part 15-compliant
- Network Surface Mount Box:
  - Cat5e or higher (RJ45)
  - TIA/EIA-568-B

### Secure Side of Door

Rim/SecureBolt® Mortise



### Reader Escutcheon

- Zinc die cast
- Tactile keypad
- LED's indicate valid/invalid entries
- Keys/buttons overmolded to prevent wear
- Projection at top 1-5/8" (41mm)
- Operating temperature: -31°F to 150°F (-35°C to 65°C)
- Operating humidity: 5% to 95% relative humidity non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)

### Lever Escutcheon

- Brass cast





# Functions

## ED5000N 9700 x PIP1 Exit Device

Inside	Outside	Series/Function	Type	Function Description
		ED5200(A)N & ED5200S(A)N x 9733 x PIP1 No Key Override	Entry	<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>
		ED5200(A)N & ED5200S(A)N x 9734 x PIP1 With Key Override	Entry	<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>
		ED5633(A)LN x 9M733 x PIP1 No Key Override	Entry	<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>
		ED5634(A)LN x 9M734 x PIP1 With Key Override	Entry	<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>

Sold through:

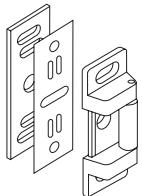


Access 700 | PIP1

Corbin Russwin  
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# Option & Accessories

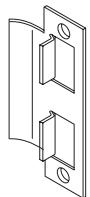
## ED5000N 9700 x PIP1 Exit Device



### Rim Strike (Screws Included)

#### SecureBolt®, Fire-Rated Rim and Rim Strike

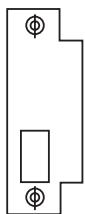
Standard on ED5200SN, ED5200S(A)N, ED5200(A)N and ED5200N devices. Supplied with locking plate and two 1/16" (1.6mm) shims. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. 3-1/2" x 1-1/4" (99mm x 32mm). Black finish only. To order separately specify 650F30-8.



### Mortise Strikes

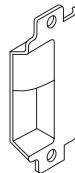
#### Mortise Strike

Standard on ED5600(A)N Series. Non-handed, ANSI curved lip, 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center. To order separately, specify 650L657020.



#### Mortise Strike for Pairs of Doors with Astragal

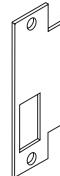
Optional for use with ED5600(A)N Series devices where an astragal is to be installed. Non-handed, ANSI straight lip, 4-7/8" x 1-1/4" x 7/8" (124mm x 32mm x 22mm) lip to center. To order with exit device, specify SS078. To order separately, specify 653L157014.



### Open Back Strike

Optional for use with ED5600N x vertical rod devices on a pair of doors. Non-handed, 4-7/8" x 1-1/4" (124mm x 32mm). To order with exit device, specify SB134 for 1-3/4" doors, SB214 for 2-1/4" doors. To order separately, specify Part No. listed below.

Door Thickness	Type	Part No.
1-3/4" (44mm)	Curved lip	653L183016
	Straight lip	653L163016
2-1/4" (57mm)	Curved lip	653L183020
	Straight lip	653L163020



### Mortise Strike

Standard on ED5600N and ED5600(A)N devices on 2" (51mm) (D200) and 2-1/4" (57mm) (D214) thick doors. Handed ANSI curved lip, 4-7/8" x 1-1/4" x 1-1/2" (124mm x 32mm x 38mm) lip to center. To order separately, specify 656L677024 for RH, 656L687024 for LH.



### ANSI Wrought Strike Box

Optional for use with ED5600N and ED5600AN devices. To order with exit device, specify M17. To order separately, specify 120F76-8.



### Filler Plates

Optional for use on stock metal doors when required. To order, specify 334F99-8 600.



Optional for use on stock metal doors when required. To order, specify 236L708018 x Fin.



Optional for use on stock metal doors when required. To order, specify 077F19-8 600.

# Quick Codes

## ED5000N 9700 x PIP1 Exit Device

### Cylinders and Keying

Description	Specify
Conventional 6-pin	6P
Conventional 7-pin	7P
Less Cylinder(s)	standard
IC 6-pin	C6
IC 6-pin with Temporary Construction Core	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin Less Core	CL6
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
IC 7-pin	C7
IC 7-pin with Temporary Construction Core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin Less Core	CL7
SFIC 7-pin with Less Core	CLS7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
Security	HS
Security IC	CHS
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid High Security Fixed Core	PHS
Pyramid High Security IC	PCHS
Pyramid with Temporary Construction Core	CTP
Pyramid IC Less Core	CLP
Pyramid Disposable Core	CTPD
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
0-bitted with 2 Blank Keys	Standard with Cylinder
Keyed random	KR
Construction Master Keyed (not available for Pyramid)	CMK
Visual Key Control (VCK)	
- 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
Concealed Key Control (CKC)	
- CKC Cylinders with VCK Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Cylinder	standard
Other than 2 Keys	KY# (e.g., KY6)

### 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
Polished Stainless Steel*	629
Satin Stainless Steel*	630
Satin Stainless Steel with MicroShield®	630C
Black Oxidized Bronze, Oil Rubbed	722
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

\*Lever only. Escutcheons plated to match.

### Miscellaneous Options

Description	Specify
Torx® Head Screws	M04
ANSI wrought strike box (mortise)	M17
Knurling outside & inside (embossed touchbar - device side) <sup>1</sup>	M20 <sup>2</sup>
Knurling outside only (trim side) <sup>1</sup>	M21 <sup>2</sup>
Knurling inside only (embossed touchbar - device side)	M22 <sup>2</sup>
Abrasive coat outside and inside (trim and device) <sup>1</sup>	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side) <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

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

### 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

### Credential Quick Codes

Description	Specify
Magstripe Only	MA
Keypad & Magstripe	KM
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	IKMPS*
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, mag stripe	IMPS*
FeliCa, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	CKMP*
FeliCa, HID Prox®, NFC-enabled mobile phones, mag stripe	CMP*

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

### Strikes

Description	Specify
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

### Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Sold through:

Authorized Channel Partner  
ASSA ABLOY

Access 700 | PIP1

Corbin Russwin  
ASSA ABLOY

## Lever Trim Designs

ED5000N 9700 x PIP1 Exit Device

Standard	ED5200N x 9700	ED5600N x 9M700				
Armstrong	A9700	A9M700				
Newport	N9700	N9M700				
Princeton	PR9700	PR9M700	Armstrong	Citation	Dirke	Essex*
Citation	C9700	C9M700				
Dirke	D9700	D9M700				
Essex	E9700	E9M700				
Lustra	L9700	L9M700				
Regis	R9700	R9M700	Lustra*	Newport*	Princeton*	Regis

Vineyard					
Frascati	FR9700	FR9M700			
Merlot	M9700	M9M700			
Tuscany	TS9700	TS9M700			
Zinfandel	Z9700	Z9M700	Frascati	Merlot	Tuscany
					Zinfandel

Muséo®						
Georgia	102	1029700	1029M700			
	103	1039700	1039M700			
	104	1049700	1049M700	102	103	104 <sup>2</sup>
	124	1249700	1249M700			
	125	1259700	1259M700	102	103	104 <sup>2</sup>
Salvador	106	1069700	1069M700			
	107	1079700	1079M700			
	108	1089700	1089M700	106	107	108
	109	1099700	1099M700			
	110	1109700	1109M700	106	107	108
	123	1239700	1239M700			
	128	1289700	1289M700	110	123 <sup>1</sup>	128 <sup>1</sup>
Marc	111	1119700	1119M700			
	112	1129700	1129M700			
	114	1149700	1149M700	111 <sup>2</sup>	112 <sup>2</sup>	114 <sup>2</sup>
	115	1159700	1159M700			
	116	1169700	1169M700	111 <sup>2</sup>	112 <sup>2</sup>	114 <sup>2</sup>
	130	1309700	1309M700			
	131	1319700	1319M700			
	132	1329700	1329M700	116 <sup>2</sup>	130 <sup>1,2</sup>	131 <sup>1,2</sup>
Laszlo	147	1479700	1479M700			
	148	1489700	1489M700			
	149	1499700	1499M700	147	148	149
	150	1509700	1509M700			
Jackson	117	1179700	1179M700			
	119	1199700	1199M700			
	121	1219700	1219M700	117 <sup>2</sup>	119 <sup>2</sup>	121 <sup>2</sup>
	122	1229700	1229M700			
	126	1269700	1269M700			
	127	1279700	1279M700			
Piet*	21L	21L9700	21L9M700			
	21M	21M9700	21M9M700			
	21S	21S9700	21S9M700			
	23M	23M9700	23M9M700	21L	21M	21S
	25M	25M9700	25M9M700			
				21L	21M	21S
					23M	25M

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

2. Not available in 32D or 32 finish.

\*Piet levers are customized. See "How to Order" on page 29 for ordering information.



# How to Order

## ED5000N 9700 x PIP1 Exit Device

### Ordering Examples

#### Exit Device Only

Quantity	Function	Technology Code	Finish	Hand
24	ED5200SN	TCP1P1	625	RHR

#### Trim Only

Quantity	Trim/Function	Technology Code	Finish	Hand	Credential Quick Code
24	N9733	TCP1P1	625	RHR	IKMPS

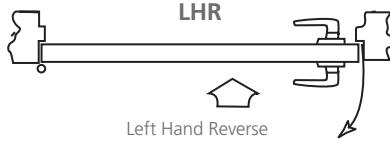
#### Exit Device with Trim

Quantity	Exit Device	Trim/Function	Technology Code	Finish	Hand	Cylinder Option	Door Thickness	Optional Strike	Door Width	Misc. Options	Credential Quick Code
10	ED5200AN	A9734	TCP1P1	630	LHR	C6	D214	SB214	W048	M20	IMPS

#### Contract/Detailed Order - Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/Function	Technology Code	Finish	Hand	Door Width	Credential Quick Code	Cylinder Option
36	AA1	ED5200N	1149734	TCP1P1	605	LHR	W048	CKMP	PS

#### Handing



Note: Arrow indicates secure side of door.

#### Exit Devices

Exit Device	Function	Trim					Finish	Hand
ED5200(A)	9733	Standard	Muséo®	Vineyard™			605	RHR
ED5202(A)	9734	A	102	112	125	21L	FR	606
ED5633(A)	9M733	N	103	114	126	21M	M	611
ED5634(A)	9M734	PR	104	115	127	21S	TS	612
		C	106	116	128	23M	Z	613
		D	107	117	129	25M		618
		E	108	119	130			619
		L	109	121	131			625
		R	110	123	132			626
			111	124				626C
								722
								BSP
								WSP

Sold through:

Authorized Channel Partner  
ASSA ABLOY

## Available Trim Options

ED5000N 9700 x PIP1 Exit Device

Grooved Insert  
21GLeather Insert  
21LPolished with  
Satin Insert  
21MSantoprene™  
Insert  
21SWith Raised Band  
23MPlain  
25MPlain 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 &amp; Available Finishes

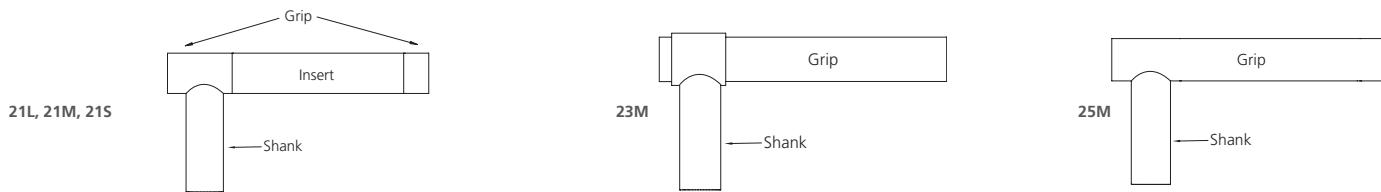
Lever Designation	Lever Description	Available Finishes (as ordered)
21G	Grooved Insert	303030, 292929, 293029, 302930, 3E003E, BS00BS OR WS00WS
21L	Leather Insert	30BK30, 30BN30, 29BK29, 29BN29, 3EBK3E, BSBKBS, WSBKWS, 3EBN3E, BSBNBS OR WSBNWs
21M	Metallic Insert	293029**
21S	Santoprene Insert	30BK30, 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.

# How to Order

## ED5000N 9700 x PIP1 Exit Device

### How to Order the Muséo® Piet Lever Collection



#### Trim Only

Quantity	Trim/ Function	Technology Code	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	21M9733	TCPIP1	293029	625	RHR	IKMPS

- › Muséo® Piet Lever 21M - Polished with Satin Insert
- › 293029 Lever Finish
- Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Right hand reverse
- › iCLASS®, Keypad, Magstripe, Prox, Smart Card (MIFARE, DESFIRE)

#### Exit Device with Trim

Quantity	Exit Device	Trim/ Function	Technology Code	Lever Finish	Lock Finish*	Hand	Credential Quick Code	Cylinder Option	Door Thickness	Optional Strike	Door Width
2	ED5200N	21M9734	TCPIP1	293029	625	LHR	IMPS	6P	D200	SB214	W048

#### Inside:

- › Muséo® Piet Lever 21M - Polished with Satin Insert
- › 293029 Lever finish
- 48" wide door

#### Outside:

- › Muséo® Piet Lever 21M - Polished with Satin Insert
- › Key Override
- › 293029 Lever Finish
- Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Left hand reverse
- › 6 pin cylinder
- › 2-1/4" thick door
- › iCLASS®, Keypad, Magstripe, Prox, Smart Card (MIFARE, DESFIRE)

\* Escutcheons (lock finish) are plated to match polished stainless steel (629) and satin stainless steel (630) finishes.

Sold through:



Access  
700 | PIP1

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## Features

### FE66735 x PIP1 Multi-Point Lock



Multi-Point Lock  
FE66735 x PIP1

FE6600 Series lock is a multi-point, deadlocking system developed to help protect lives while securing a community shelter and/or safe room entry. Sturdy heavy-duty steel components firmly secure the door within the frame – at top, bottom, and center latch points – fortifying the opening during a windstorm event. The FE6600 Series is UL-listed for FEMA P-361 (2015), FEMA P-320 (2014) and ICC 500 (2014) capable of withstanding severe wind speeds and flying debris. This device consists of concealed vertical rods with top and bottom latching complemented by a mortise lock with a latchbolt and deadbolt at the center of the door and an optional indicator to show the status of the top and bottom latches.

The lever rotation retracts the top bolt, the bottom bolt, and center bolts simultaneously. When retracted, the bolts are held in position as the door swings. As the door closes, the hold-back feature engages the frame and the top, center, and bottom bolts project simultaneously. With the deadbolt thrown, this system protects room occupants from threatening conditions. The FE6600 Series device can be used on fire-rated doors.

#### Mechanical Features

- Certified to ANSI/BHMA A156.37 Series 1000 Operational Grade 1 and Security Grade 1
- Motor driven FE6600 Series Mortise Lock n 1-3/4" thick door only; fully integrated – FE6600 is part of a complete ASSA ABLOY windstorm solution utilizing Ceco StormPro® 361 and Curries StormPro® 361 doors and frames and McKinney® StormPro® hinges
- Stainless steel non-handed deadlocking latch n 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 Corbin Russwin FE6600 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 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.

- All electronics and batteries mounted in inner escutcheon on secure side of door
- Keypad read upon removal ensuring that keycards are not left in the lock
- Available without keypad
- ADA compliant
- 7 year mechanical warranty; 2 year electrical component warranty



# Functions

## FE66735 x PIP1 Multi-Point Lock

Outside	Inside	Series/Function	Type	Function Description
		FE66735 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 credential entered</li><li>• When deadbolt thrown, outside lever operable only with certain authorized credentials</li></ul>
		FE66736 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>

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

Sold through:



Access  
700 | PIP1

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Russwin  
ASSA ABLOY

# Technical Features

## FE66735 x PIP1 Multi-Point Lock

### Technical Data

Card Track:	Track 2
Card Coercivity	HiCo (4000 Oersted)

### Monitoring

ML20700 x PIP1	Latchbolt (LX); Dead Bolt (DX)
----------------	--------------------------------

### Features

Operating Modes	<b>PIN required:</b> Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required <b>No PIN required:</b> Specify MA, IMPS, CMP; Only card is required
Passage Modes	<b>Automatic:</b> The door automatically becomes unlocked during any passage mode <b>Manual:</b> The door only becomes unlocked after the first card of the day is presented (within a schedule) or might optionally be configured to require two consecutive swipes to toggle the passage state

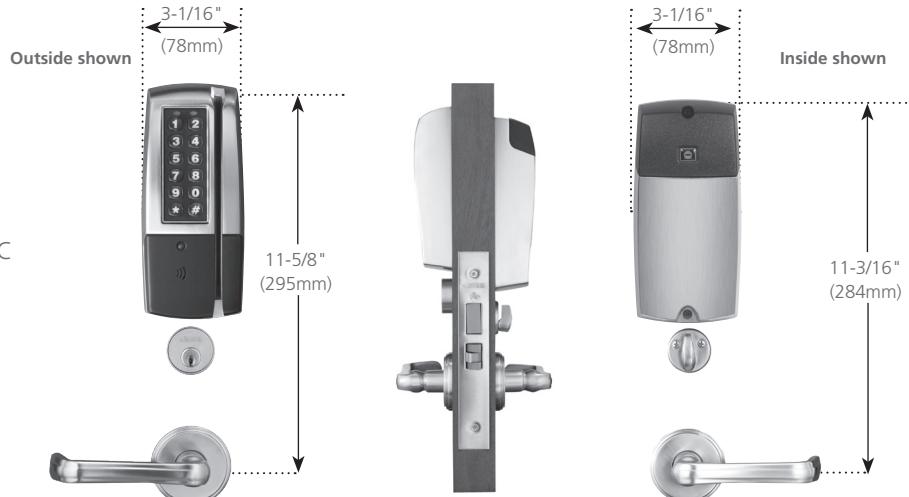
### Electrical Specifications

- Power supplied through Ethernet
- Class 1 Device defined by IEEE 802.3af requiring max 3.84 watts
- Network Drop Cable (by others) Specifications:
  - Cat5e or higher
  - Belden 1533P D15A1000 or equivalent
  - TIA/EIA-568-B
  - Shielded with drain wire
  - Plenum-rated
  - 24AWG

- FCC Part 15-compliant
- Network Surface Mount Box:
  - Cat5e or higher (RJ45)
  - TIA/EIA-568-B

### Inside/Outside Escutcheons

- Keys/buttons overmolded to prevent wear
- Zinc die cast
- Tactile keypad
- LED's indicate valid/invalid entries
- Escutcheon projection 1-11/16" (43mm)
- Operating temperature: -31°F to 150°F (-35°C to 65°C)
- Operating humidity: 5% to 95% relative humidity non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)



# Quick Codes

## FE66735 x PIP1 Multi-Point Lock

Sold through:



### 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 <sup>1</sup>
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 <sup>3</sup>
Satin Stainless Steel	630 <sup>3</sup>
Satin Stainless Steel with MicroShield®	630C
Black Oxidized Bronze, Oil Rubbed	722 <sup>2</sup>
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

<sup>1</sup> New, March 2007<sup>2</sup> Formerly 613 prior to March 2007<sup>3</sup> Escutcheon finished to match 629, 630 finish

### Credential Quick Codes

Description	Specify
Magstripe Only	MA
Keypad & Magstripe	KM
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	IKMPS*
HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID MIFARE Classic, DESfire EV1, HID Prox®, NFC-enabled mobile phones, mag stripe	IMPS*
FeliCa, HID Prox®, NFC-enabled mobile phones, keypad, mag stripe	CKMP*
FeliCa, HID Prox®, NFC-enabled mobile phones, mag stripe	CMP*

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

### Handing

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

### 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	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	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

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ASSA ABLOY

## Lever Trim Designs

FE66735 x PIP1 Multi-Point Lock

Standard	Lever	A Rose	B Rose	F Rose				
Armstrong	ASA	ASB	ASF					
Newport	NSA	NSB	NSF					
Princeton	PSA	PSB	PSF					
Citation	CSA	CSB	CSF					
Dirke	DSA	DSB	DSF					
Essex	ESA	ESB	ESF					
Lustra	LSA	LSB	LSF					
Regis	RSA	RSB	RSF					
Vineyard™		G Rose						
Frascati		FSG						
Merlot		MSG						
Tuscany		TSG						
Zinfandel		ZSG						

## The Muséo® Line

Georgia						
	102	103	104 <sup>2</sup>	124 <sup>1</sup>	125 <sup>1</sup>	
Salvador						
	106	107	108	109	110	123 <sup>1</sup>
Marc <sup>2</sup>						
	111	112	114	115	116	130 <sup>1</sup>
Laszlo						
	147	148	149	150		
Jackson <sup>2</sup>						
	105	117	119	121	126 <sup>1</sup>	127 <sup>1</sup>
Piet*						
	21L	21G	21M	21S	23M	25M

1. Complies with codes requiring lever to return to within 1/2" (13mm) of door face.  
 2. Not available in 32D or 32 finish.

\*Piet levers are customized. See "How to Order" on page 36 for ordering information.



# Available Trim Options

## FE66735 x PIP1 Multi-Point Lock



### 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, BSBNBS OR WSBNW
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.

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ASSA ABLOY

Access 700 | PIP1

Corbin Russwin  
ASSA ABLOY

# How to Order

## FE66735 x PIP1 Multi-Point Lock

### Ordering Examples

#### Stock Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	FE66735	TCP1P1	LWA	626	RHR	IKMPS

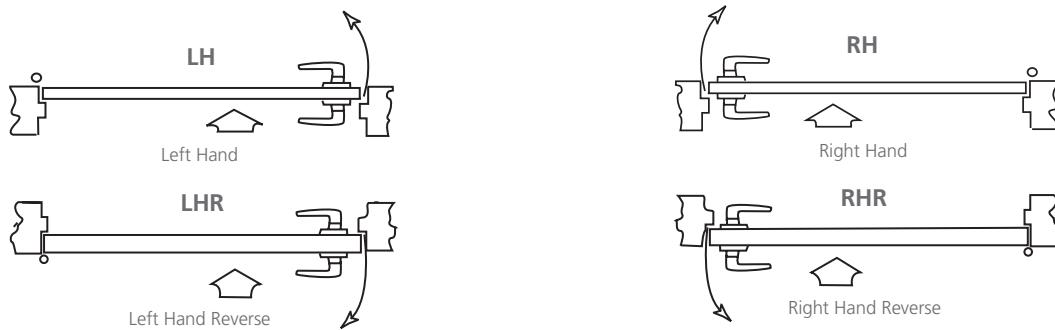
#### Split Trim/Finish Order

Quantity	Series/Function	Technology Code	Trim Outside	Trim Inside	Finish Outside	Finish Inside	Hand	Credential Quick Code
24	FE66735	TCP1P1	CSA	CSA	626	606	RHR	IMPS

#### Contract/Detailed Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	FE66735	TCP1P1	111X	626	RHR	CKMP

#### Handing



Note: Arrow indicates secure side of door.



# How to Order

## FE66735 x PIP1 Multi-Point Lock

### Multi-Point Locks

Function	Trim										Finish	Hand
	Standard			Muséo®						Vineyard™		
FE66735	ASA	ASB	ASF	102V	102U	102T	102Y	102X	102W	FSG	605	RH
	NSA	NSB	NSF	103V	103U	103T	103Y	103X	103W	MSG	606	RHR
	PSA	PSB	PSF	104V	104U	104T	104Y	104X	104W	TSG	611	LH
	CSA	CSB	CSF	124V	124U	124T	124Y	124X	124W	ZSG	612	LHR
	DSA	DSB	DSF	125V	125U	125T	125Y	125X	125W		613	
	ESA	ESB	ESF	106V	106U	106T	106Y	106X	106W		618	
	LSA	LSB	LSF	107V	107U	107T	107Y	107X	107W		619	
	RSA	RSB	RSF	108V	108U	108T	108Y	108X	108W		625	
				109V	109U	109T	109Y	109X	109W		626	
				110V	110U	110T	110Y	110X	110W		722	
				123V	123U	123T	123Y	123X	123W		626C	
				128V	128U	128T	128Y	128X	128W		BSP	
				129V	129U	129T	129Y	129X	129W		WSP	
				111V	111U	111T	111Y	111X	111W			
				112V	112U	112T	112Y	112X	112W			
				114V	114U	114T	114Y	114X	114W			
				115V	115U	115T	115Y	115X	115W			
				116V	116U	116T	116Y	116X	116W			
				130V	130U	130T	130Y	130X	130W			
				131V	131U	131T	131Y	131X	131W			
				132V	132U	132T	132Y	132X	132W			
				117V	117U	117T	117Y	117X	117W			
				126V	126U	126T	126Y	126X	126W			
				119V	119U	119T	119Y	119X	119W			
				121V	121U	121T	121Y	121X	121W			
				127V	127U	127T	127Y	127X	127W			
				21LV	21LU	21LT	21LY	21LX	21LW			
				21MV	21MU	21MT	21MY	21MX	21MW			
				21SV	21SU	21ST	21SY	21SX	21SW			
				23MV	23MU	23MT	23MY	23MX	23MW			
				25MV	25MU	25MT	25MY	25MX	25MW			

Sold through:



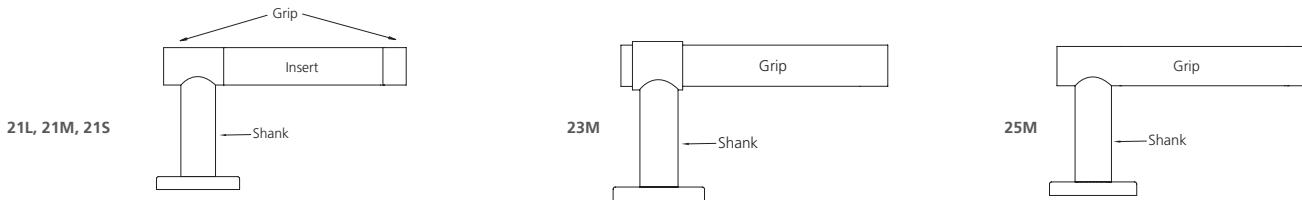
Access  
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# How To Order

## FE66735 x PIP1 Multi-Point Lock

### How to Order the Muséo® Piet Lever Collection



### Stock Order

Quantity	Series/ Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	FE66735	TCPIP1	21MV	293029	625	RHR	IKMPS

- › Muséo® Piet Lever 21M - Polished with Satin Insert – with V rose
- › 293029 Lever Finish  
Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Right hand reverse
- › iCLASS®, Keypad, Magstripe, Prox, smart card (MIFARE, DESFIRE)

### Stock Order

Quantity	Series/ Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	FE66735	TCPIP1	21MU	293029	625	RHR	IMPS

- › Muséo® Piet Lever 21M - Polished with Satin Insert – with U rose
- › 293029 Lever Finish  
Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- › Right hand reverse
- › iCLASS®, Magstripe, Prox, smart card (MIFARE, DESFIRE)

\* Escutcheons (lock finish) are plated to match polished stainless steel (629) and satin stainless steel (630) finishes.

# Accessories

Sold through:

Authorized Channel Partner  
ASSA ABLOY

## DHTA

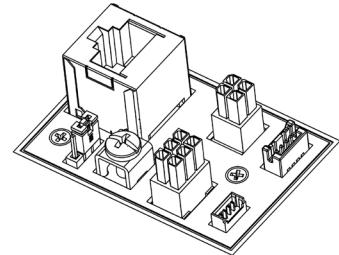
### Power over Ethernet (PoE) Cable and Data Hinge Test Adapter

Developed for troubleshooting Corbin Russwin 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 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

\* U.S. Patent No. 7,824,200

#### 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.

Sold through:



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ASSA ABLOY

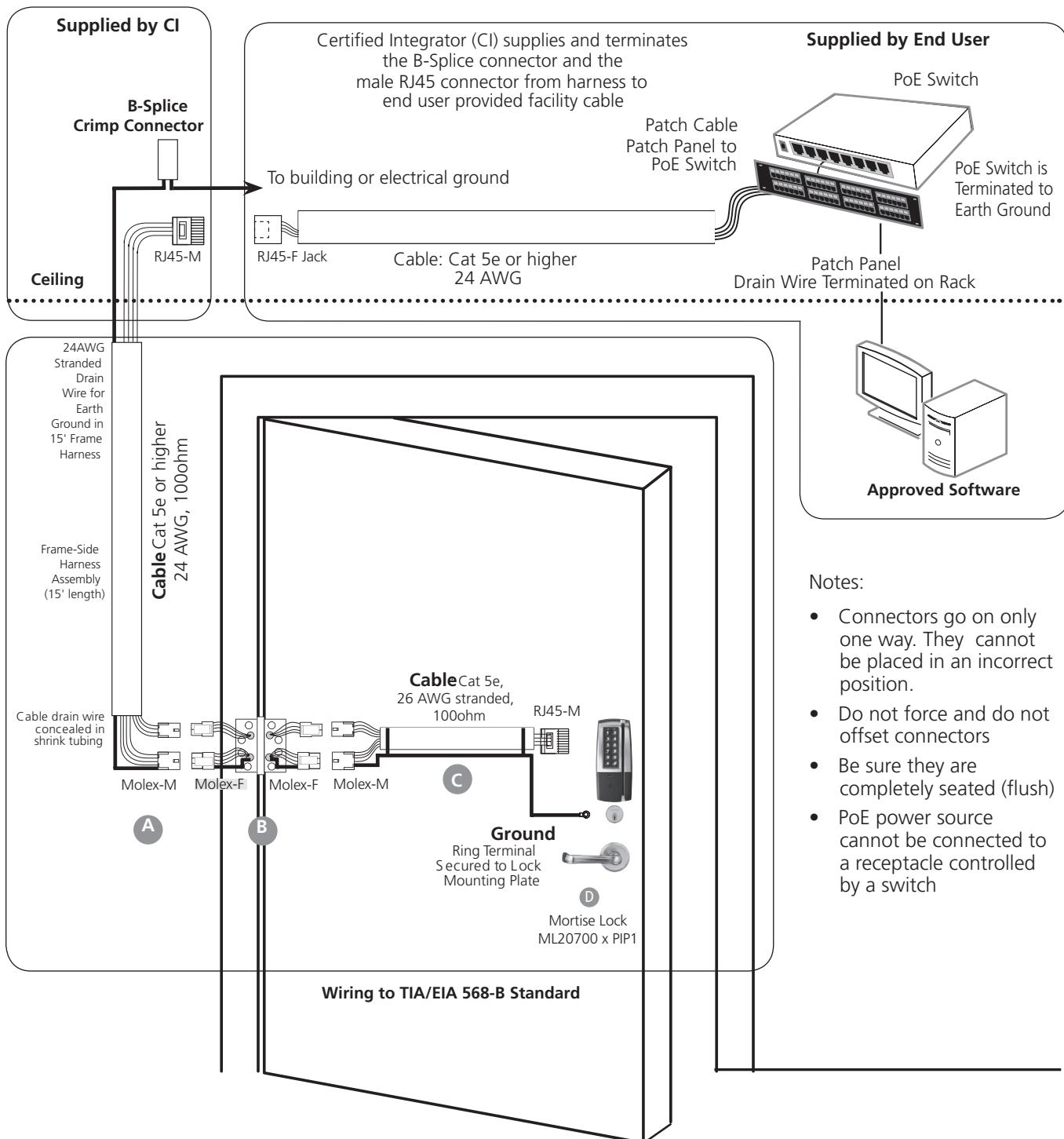
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# Application Diagram

Note:

Access 700® PIP1 must be installed by a Certified Integrator (CI)





# Quick Code Index

## Cylinder and Keying Options

Part No./Quick Code	Description	Cylindrical	Mortise	Exit Device
6P	Conventional 6-pin	std	std	•
7P	Conventional 7-pin	•	•	•
LC	Less Cylinder(s)	•	•	std
HS	Security	•	•	•
CHS	Security IC	•	•	•
PS	Pyramid Security	•	•	•
PCS	Pyramid Security IC	•	•	•
PHS	Pyramid High Security Fixed Core	•	•	•
PCHS	Pyramid High Security IC	•	•	•
CTP	Pyramid IC with Temporary Construction Core	•	•	•
CLP	Pyramid IC Less Core	•	•	•
C6	IC 6-pin	•	•	•
CT6R	IC 6-pin with Temporary Construction Core (Red)	•	•	•
CT6B	IC 6-pin with Temporary Construction Core (Blue)	•	•	•
CT6G	IC 6-pin with Temporary Construction Core (Green)	•	•	•
CL6	IC 6-pin Less Core	•	•	•
CLS6	SFIC 6-pin with Less Core		•	•
CT6SD	SFIC 6-pin with SFIC disposable temporary core		•	•
CTSD	SFIC 6- or 7-pin Small Format Disposable Core <sup>1</sup>	•		
C7	IC 7-pin	•	•	•
CT7R	IC 7-pin with Temporary Construction Core (Red)	•	•	•
CT7B	IC 7-pin with Temporary Construction Core (Blue)	•	•	•
CT7G	IC 7-pin with Temporary Construction Core (Green)	•	•	•
CL7	IC 7-pin Less Core	•	•	•
CLS7	SFIC 7-pin with Less Core		•	•
CT7SD	SFIC 7-pin with SFIC disposable temporary core		•	•
CTPD	Pyramid Disposable Core	•	•	•
CT6D	6-pin IC with Disposable Core	•	•	•
CT7D	7-pin IC with Disposable Core	•	•	•
	0-bitted with 2 Blank Keys	std	std	(with cylinder)
KR	Keyed random	•	•	•
CMK	Construction master keyed	•	•	•
VKC0	Visual Key Control (VKC) - No bitting or keyset stamping on keys	•	•	•
VKC1	Visual Key Control (VKC) - Keys only	•	•	•
VKC2	Visual Key Control (VKC) - Cylinders and Keys (not for HS, CHS, PHS, or PCHS)	•	•	•
VKC3	Visual Key Control (VKC) - Cylinders only (not for HS, CHS, PHS, or PCHS)	•	•	•
CKC2	Concealed Key Control (CKC) - Cylinders with VKC keys	•	•	•
CKC3	Concealed Key Control (CKC) - Cylinders Only (not for PHS, PCHS)	•	•	•
	2 keys per Lock	std	std	std
KY# (e.g. KY6)	More than 2 keys	•	•	•
C	Lockset furnished in Schlage® C Keyway	•		
LA	Lockset furnished in SARGENT® LA Keyway	•		

Note: 1. Specify M08 for levers to accept SFIC cores; which ship standard with temporary disposable core

• = available

## Gaskets

795F439	Outside Escutcheon
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## Credential Quick Codes

Description	Specify
Magstripe Only	MA
Keypad & Magstripe	KM
iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)	IKMPS*
iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)	IMPS*
FeliCa, keypad, mag stripe, Prox	CKMP*
FeliCa, mag stripe, Prox	CMP*

\* For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

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# Common Replacement Parts

Part Number	Description
784F565 [finish]	MA Outside Escutcheon Assembly; Mag Stripe
784F575 [finish]	KM Outside Escutcheon Assembly; Keypad and Mag Stripe
784F585 [finish]	IKMPS Outside Escutcheon Assembly; iCLASS, Keypad, Mag Stripe, Prox, Smartcard (MIFARE, DESFIRE)
784F595 [finish]	IMPS Outside Escutcheon Assembly; iCLASS, Mag Stripe, Prox, Smartcard (MIFARE, DESFIRE)
784F605 [finish]	CKMP Outside Escutcheon Assembly; Mag Swipe, Keypad, Prox & FeliCa
784F615 [finish]	CMP Outside Escutcheon Assembly; Mag Swipe, Prox & FeliCa
725F325 [finish]	BIKMPS Outside Escutcheon Assembly; Bluetooth Smart-enabled mobile phones, iCLASS, Keypad, Mag Stripe, Prox, Smartcard (MIFARE, DESFIRE)
725F335 [finish]	BIMPS Outside Escutcheon Assembly; Bluetooth Smart-enabled mobile phones, iCLASS, Mag Stripe, Prox, Smartcard (MIFARE, DESFIRE)
725F345 [finish]	BCKMP Outside Escutcheon Assembly; Bluetooth Smart-enabled mobile phones, Mag Swipe, Keypad, Prox & FeliCa
725F355 [finish]	BCMP Outside Escutcheon Assembly; Bluetooth Smart-enabled mobile phones, Mag Swipe, Prox & FeliCa
784F565 [finish]	Outside Escutcheon Assembly; Mag Swipe
784F575 [finish]	Outside Escutcheon Assembly; Mag Swipe and Keypad
784F585 [finish]	Outside Escutcheon Assembly; Mag Swipe, Keypad, Prox
784F595 [finish]	Outside Escutcheon Assembly; Mag Swipe, Prox
784F605 [finish]	Outside Escutcheon Assembly; Mag Swipe, Keypad, Prox and FeliCa
725F325 [finish]	Outside Escutcheon Assembly; Standard Reader and Keypad
725F335 [finish]	Outside Escutcheon Assembly; Standard Reader
PIP-CREM03	PoE Controller Assembly
PIP-CREM04	Mounting Plate Assembly
PIP-CREM02 [finish]	Inside Escutcheon with Privacy Button
PIP-CREM07 [finish]	Replacement Kit (WiFi Controller, Mounting Plate, Battery Cover)

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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.



**ASSA ABLOY**

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ASSA ABLOY Door Security Solutions  
sales consultant or visit [www.corbinrusswin.com](http://www.corbinrusswin.com).

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[www.assabloydss.ca](http://www.assabloydss.ca)

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