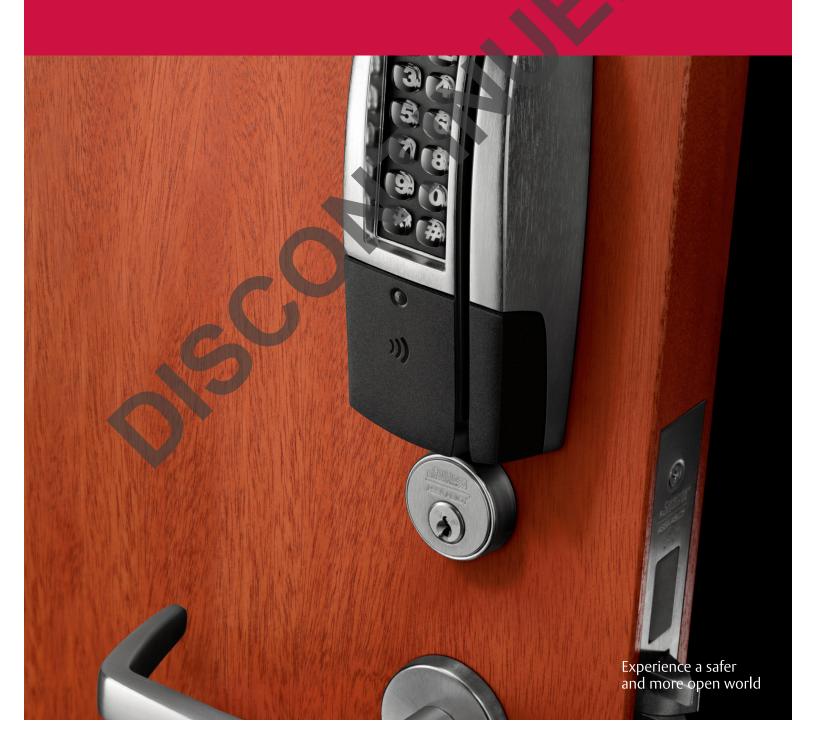


# Access PWI1

WiFi Campus Access Control



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

The Corbin Russwin Access 700® PWI1 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:



Authorized Channel Partner

Installed by:



Certified Integrator







## Overview

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#### The One Card solution for securing campuses

The Corbin Russwin Access 700® PWI1 lockset is an intelligent WiFi lockset offering comprehensive access control for campus housing and facilities. This offers an ideal solution for forward-thinking campuses looking for a migration path to higher security credentials and mobile access.

Ideal for adding access control to areas of a building that would be too difficult or costly to wire, the Access 700 PWI1 uses 802.11b/g/n WiFi infrastructure to significantly reduce hardware and labor costs. Combined with ASSA ABLOY'S PERSONA Campus™ software or with approved third party software, the Access 700 PWI1 Series of locks integrate seamlessly into transactional and housing systems, providing comprehensive, reliable access control for the campus environment.

Features	Benefits
Utilizes IEEE 802.11 WiFi infrastructure	<ul> <li>Significantly reduces installation costs</li> <li>Eliminates the need for any proprietary equipment</li> <li>Ideal for hard-to-wire locations</li> </ul>
HID® multiCLASS SE® Technology with magnetic stripe reader	<ul> <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	Two-factor authentication offers enhanced security
Field-upgradable 802.11b/g/n radio	<ul><li>Interoperability with other WiFi equipment</li><li>Future proof for constantly evolving WiFi standards</li></ul>
Intelligence built into lock for local decision making	<ul> <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>
Privacy button	Allows shelter in place / local lockdown     Enables privacy capabilities for applications such as restrooms
Field selectable communication frequency	Allows you to balance security requirements with battery life
Integrated ANSI/BHMA Grade 1 hardware, available in cylindrical lock, mortise lock, exit device and multi- point lock configurations	<ul><li>Flexibility to support various openings</li><li>Assurance of high quality hardware</li></ul>
Available with a wide range of finishes and decorative levers	<ul> <li>Blends into any environment seamlessly</li> <li>Designed to meet the requirements of designers and architects</li> </ul>

<sup>\*</sup>Contact your access control system manufacturer for more information

**Parts** ...... 42







# Overview and PERSONA Campus™ Software Features

#### **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:
  - HID Prox®

#### **Security:**

- AES 128-bit encryption
- 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.

#### **EAC Regulatory Compliance:**

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







# Overview and PERSONA Campus™ Software Features



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

#### PERSONA Campus<sup>™</sup> 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

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





# Sold through: Authorized Channel Partner

### **Features**

### ML20700 x PWI1 Mortise Lock





Mortise Lock ML20700 x PWI1 Integration of Corbin Russwin mechanical locking security with WiFi intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The ML20700 x PWI1 WiFi 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, 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
- EcoFlex™ technology offers improved battery life
- 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
- 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® PWI1 ML20700 mortise lock with deadbolt is required for escape return functionality (a residential requirement in Canada). No other Access 700® PWI1 locks will support this requirement.







# **Functions**

### ML20700 x PWI1 Mortise Lock

Outside Inside	Series/Function	Туре	Function Description
	ML20733 No Key Override No Deadbolt	Entry	<ul> <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> <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> <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> <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>

 $<sup>\</sup>mbox{\ensuremath{^{\star}}}$  Deadbolt required for escape return functionality (a residential requirement in Canada)







# **Technical Features**

### ML20700 x PWI1 Mortise Lock

#### **Technical Data**

Power Supply:	6 AA alkaline batteries
Voltage (max/min):	12-24 VDC / 5.5 VDC
Expected Battery Life:	1-3 years based on usage
Card Track:	Track 2
Card Coercivity	HiCo (4000 Oersted)

#### Monitoring

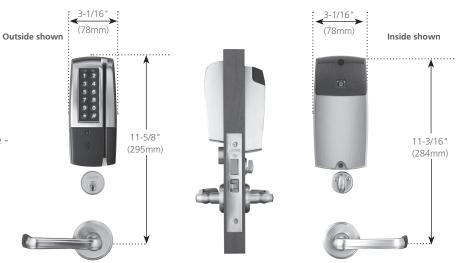
ML20700 x PWI1	Request to Exit (REX); Latchbolt (LX); Dead Bolt (DX); Auxiliary Latchbolt (AX)

#### **Features**

Operating Modes	•	Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required Specify MA, IMPS, CMP; Only card is required
Passage Modes	Manual:	The door automatically becomes unlocked during any passage mode 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

#### 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: 32°F to 104°F (inside)
- Operating temperature: -4°F to 104°F (outside heating element optional for card reader)
- Humidity: <95% non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)







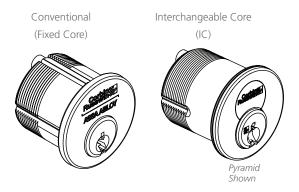


# Cylinders

### ML20700 x PWI1 Mortise Lock

### Cylinders

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



#### **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 8.

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





# Options & Accessories

### ML20700 x PWI1 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"

1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm),

3" (76mm)



ANSI Wrought Strike Box

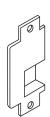
To order with lockset; see Quick Codes, pg. 11.

To order separately, specify 120F768.

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

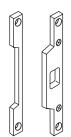
To order strike with lockset, see Quick Codes, page 8. To order strike separately, specify Part No. x Lip Length x Finish (e.g., 340L60 x 1-1/2" x 626).

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



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

To order with lockset; see Quick Codes, pg. 11. 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 318F69	RH/LHR LH/RHR
Latchbolt only	318F64 318F67	RH/LHR LH/RHR

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





# **Quick Codes**

### ML20700 x PWI1 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 Blue Green	CT6R CT6B 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 Blue Green	CT7R CT7B 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	СТР
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	VKC0
- Keys Only - Cylinders and Keys (not for HS, CHS, PHS or PCHS)	VKC1 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#
<del>, -</del>	(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	613¹
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	629³
Satin Stainless Steel	630³
Satin Stainless Steel with MicroShield	630C
Black Oxidized Bronze, Oil Rubbed	722²
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

#### **Miscellaneous Options**

wiscendifeous 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	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
Remote power harness	M35

- 1 Not available with Vineyard<sup>™</sup> or Muséo<sup>®</sup> levers.
- 2 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**

Specify
MA
KM
IKMPS*
IMPS*
CKMP*
CMP*

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

#### Strikes

Julkes		
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 s	strike - Specify	SR118







# Lever Trim Designs

### ML20700 x PWI1 Mortise 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	Armstrong	Citation
Regis		RSB	RSF		
				Dirke	Essex*
				Lustra	Newport*

Vineyard™		G Rose
	Frascati	FSG
	Merlot	MSG
	Tuscany	TSG
	Zinfandel	ZSG





Merlot

Regis

Frascati

Princeton\*



Zinfandel







# Lever Trim Designs

### ML20700 x PWI1 Mortise Lock

The Muséo® Lir	ne					
eorgia	A					
	102	103	104²	124 <sup>1</sup>	125¹	
vador						
	106	107	108	109	110	123 <sup>1</sup>
2	1281					0
arc <sup>2</sup>	111	112	114	115	116	1301
			114	113	110	130
	1311	1321				
szlo			<u></u>	<u></u>		
	147	148	149	150		
ckson²						
	105	117	119	121	126 <sup>1</sup>	1271
et*	21L	21G	21M	21S	23M	25M
	27M					

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

<sup>2.</sup> Not available in 32D or 32 finish.

<sup>\*</sup>Piet levers are customized. See "How to Order" on page 15 for ordering information.

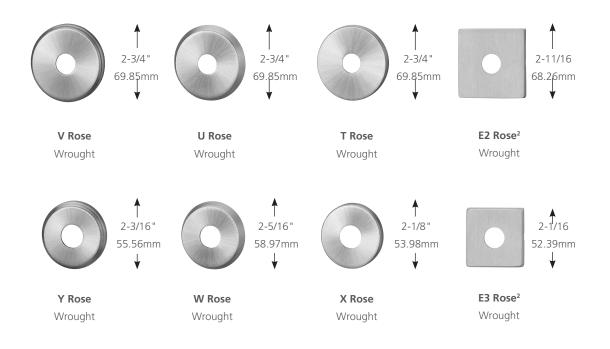






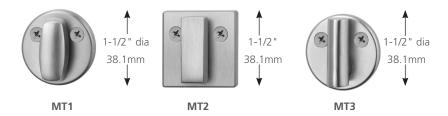
### ML20700 x PWI1 Mortise Lock

### Muséo<sup>®</sup> Collection Roses<sup>1</sup>



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

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



#### Notes:

- 1. Roses and Inspire trim are only available with Muséo levers.
- 2. Square cylinder collar and thumbturn backplate automatically supplied with E2 and E3 roses. Specify MT1, MT2, or MT3 for decorative thumbturns.
- 3. Thumbturn back plate will match shape of rose chosen (i.e. round or square).





# How to Order

### ML20700 x PWI1 Mortise Lock

### Ordering Examples

#### Stock Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	ML20736	TCPWI1	LWA	626	RHR	IKMPS

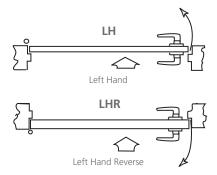
#### Split Trim/Finish Order

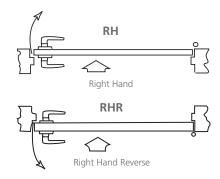
Quantity	Series/ Function	Technology Code	Trim Outside Inside		Fir Outside	nish Inside	Hand	Credential Quick Code
24	ML20735	TCPWI1	CSA	CSA	626	606	RHR	IMPS

#### Contract/Detailed Order

Quantity	Keyset	1	Technology Code		Finish	Hand		Optional Strike	: '	:	Credential Quick Code
24	AA1	ML20734	TCPWI1	111X	626	RHR	D214	SA200	PS	VKC3	IKMPS

#### Handing





Note: Arrow indicates secure side of door.







# How to Order

### ML20700 x PWI1 Mortise Lock

#### **Mortise Locksets**

Function				,	Trim						Finish	Hand
ML20733		Standard		Muséo® V						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	7
				109V	109U	109T	109Y	109X	109W		722	
				110V	110U	110T	110Y	110X	110W		626C	
				123V	123U	123T	123Y	123X	123W	7		7
				128V	128U	128T	128Y	128X	128W			7
				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	21LU2	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 PWI1 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

<sup>\*</sup>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**
215	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

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



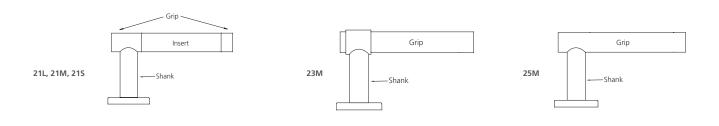


# How To Order



### ML20700 x PWI1 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	TCPWI1	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	TCPWI1	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 PWI1 Cylindrical Lock



Integration of Corbin Russwin mechanical locking security with WiFi intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The CL33700 x PWI1 WiFi 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 PWI1

#### **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	Туре	Function Description
	CL33734 With Cylinder	Entry	<ul> <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>







# Technical Features

## CL33700 x PWI1 Cylindrical Lock

#### **Technical Data**

Power Supply:	6 AA alkaline batteries
Voltage (max/min):	12-24 VDC / 5.5 VDC
Expected Battery Life:	1-3 years based on usage
Card Track:	Track 2
Card Coercivity	HiCo (4000 Oested)

#### Monitoring

70 x PWI1 Request to Exit (REX) (non-handed); external door position switch (DPS)
---

#### **Features**

Operating Modes	PIN required: Specify KM, IKMPS, CKMP; In addition to card, a 4 digit PIN might be required  No PIN required: Specify MA, IMPS, CMP; Only card is required
Passage Modes	Automatic: The door automatically becomes unlocked during any passage mode
	Manual: 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

#### 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: 32°F to 104°F (inside)
- Operating temperature: -4°F to 104°F (outside - heating element optional for card reader)
- Humidity: <95% non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)





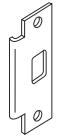




# Options & Accessories

### CL33700 x PWI1 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.

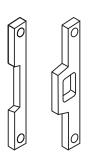


#### **Curved Lip Box**

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: Authorized Channel Partner

# **Quick Codes**

# CL33700 x PWI1 Cylindrical Lock

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	СТР
Pyramid Less Core	CLP
IC 6-pin	C6
IC 6-pin with Temporary  Construction Core	
Red	CT6R
Blue	СТ6В
Green	CT6G
IC 6-pin Less Core	CL6
IC 7-pin	C7
IC 7-pin with Temporary	
Construction Core	
Red	CT7R
Blue	СТ7В
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
<ul> <li>Cylinders Only (not for HS, CHS, PHS or PCHS)</li> </ul>	VKC3
Concealed Key Control (CKC)	
<ul> <li>CKC Cylinders with VKC Keys</li> </ul>	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Lock	(standard
More than 2 Keys	KY# (e.g., KY6)
	(c.g., K10)
Schlage® C Keyway cylinder,	: (.

#### 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
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
Remote power harness	M35
Lever to accept Schlage® interchangeable core (NZD & PZD design only)	M69

<sup>\*</sup>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*

<sup>\*</sup> 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

#### Handing

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

2 Available 0-bitted only

Specify SR118





# How to Order

# CL33700 x PWI1 Cylindrical Lock

### Ordering Examples

#### **Stock Order**

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	CL33734	TCPWI1	NZD	626	RHR	IKMPS

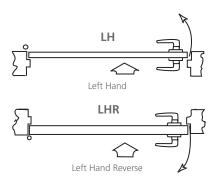
#### Split Trim/Finish Order

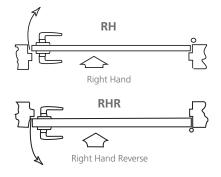
Quantity	Series/ Function	Technology Code	Trin Outside	n Inside	Fini Outside	sh Inside	Hand	Credential Quick Code
24	CL33734	TCPWI1	NZD	AZD	626	625	LH	IMPS

#### Contract/Detailed Order

Quantity	Keyset	Series/ Function	Technology Code	Trim	Finish	Hand	1	Optional Strike		1	Credential Quick Code
24	AA1	CL33734	TCPWI1	FZD	626	RHR	D214	SA200	PS	VKC3	IKMPS

#### Handing





Note: Arrow indicates secure side of door.







# How to Order & Lever Trim Designs

## CL33700 x PWI1 Cylindrical Lock

#### **Cylindrical Locksets**

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

#### Standard

Januara				
Lever	D Rose			
Armstrong	AZD			
Newport	NZD			
Princeton	PZD	Armstrong	Newport*	So
		J		Princeton*

#### Vineyard™

•	D Rose	
Frascati	FZD	
		Frascati

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





### **Features**

### ED5000N 9700 x PWI1 Exit Device



Integration of Corbin Russwin life safety mechanical exit devices with WiFi intelligence, provides an intelligent, One Card solution for economical and effective campus access control. The ED5000N x 9700 x PWI1 WiFi 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(TM) 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.



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 available 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.



- Keycard read upon removal ensuring that keycards are not left in the lock
- Available without keypad
- EcoFlex<sup>™</sup> technology offers improved battery life
- ADA compliant
- 5 year mechanical warranty; 2 year electrical component warranty

Exit Device ED5000N x 9700 x PWI1



SECUREBOLT®
Featuring SecureBolt®
locking security



Exit Device ED5600N x PWI1







# **Technical Features**

### ED5000N 9700 x PWI1 Exit Device

#### **Technical Data**

Power Supply:	6 AA alkaline batteries
Voltage (max/min):	12-24 VDC / 5.5 VDC
Expected Battery Life:	1-3 years based on usage
Card Track:	Track 2
Card Coercivity	HiCo (4000 Oested)

#### Monitoring

ED5000N 9700 x PWI1	Request to Exit (REX); external door position switch (DPS)
---------------------	--

#### **Features**

Operating Modes	PIN required: Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required
	No PIN required: Specify MA, IMPS, CMP; Only card is required
Passage Modes	Automatic: The door automatically becomes unlocked during any passage mode
	Manual: 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

# 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: 32°F to 104°F (inside)
- Operating temperature: -4°F to 104°F (outside heating element optional for card reader)
- Humidity: <95% non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)

#### Lever Escutcheon

• Brass cast









# **Functions**

### ED5000N 9700 x PWI1 Exit Device

Inside	Outside	Series/Function	Туре	Function Description
		ED5200(A)N & ED5200S(A)N x 9733 x PWI1 No Key Override	Entry	<ul> <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 PWI1 With Key Override	Entry	<ul> <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 PWI1 No Key Override	Entry	<ul> <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 PWI1 With Key Override	Entry	<ul> <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>

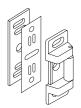




# Sold through: Authorized Channel Partner

# Option & Accessories

### ED5000N 9700 x PWI1 Exit Device



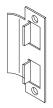
#### Rim Strike

(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.



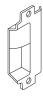
#### Mortise Strikes

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	Туре	Part No.
1-3/4" (44mm)	Curved lip	653L183016
1-3/4 (4411111)	Straight lip	653L163016
2-1/4" (57mm)	Curved lip	653L183020
2-1/4 (5/11111)	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 PWI1 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 Blue Green	CT6R CT6B 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 Blue Green	CT7R CT7B 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	СТР
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 (VKC)	
<ul> <li>No Keying Data Stamped on Key or Cylinder</li> </ul>	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
<ul> <li>CKC Cylinders Only (not for PHS, PCHS)</li> </ul>	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 <i>MicroShield*</i>	630C
Black Oxidized Bronze, Oil Rubbed	722
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

<sup>\*</sup>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>	M20²
Knurling outside only (trim side) <sup>1</sup>	M21 <sup>2</sup>
Knurling inside only (embossed touchbar - device side)	M22²
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
Remote power harness	M35
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

Not available with Vineyard™ or Muséo® levers.
 All levers provided in a powder coat finish will be

#### **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**

Specify
MA
KM
IKMPS*
IMPS*
CKMP*
CMP*

<sup>\*</sup> 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

supplied with an abrasive coating







# Lever Trim Designs

### ED5000N 9700 x PWI1 Exit Device

		ED5200N	ED5600N					
Standard	d	x 9700	x 9M700					
Arr	nstrong	A9700	A9M700	_				
	lewport	N9700	N9M700		1			
	rinceton	PR9700	PR9M700				_	
	Citation	C9700	C9M700	Armstrong	Citation	Dirke	Essex*	
,	÷		÷					
	Dirke	D9700	D9M700					
	Essex	E9700	E9M700					
	Lustra	L9700	L9M700					
	Regis	R9700	R9M700	Lustra*	Newport*	Princeton*	Regis	
Vineyard	d							
_	Frascati	FR9700	FR9M700					
	Merlot	M9700	M9M700					
	÷		÷					
	Tuscany	TS9700	TS9M700					
Zi	nfandel	Z9700	Z9M700	Frascati	Merlot	Tuscany	Zinfandel	
Muséo®								
Georgia	102	1029700	1029M700					
3.=	103	1039700	1039M700					_
	104	1049700	1049M700					
	124	1249700	1249M700					
	125	1259700	1259M700	102	103	1042	124¹	125¹
	123	1233700	1233111700					
Salvador	106	1069700	1069M700			_	_	
	107	1079700	1079M700					•
	108	1089700	1089M700					
	109	1099700	1099M700	106	107	108	109¹	
	110	1109700	1109M700				. 0 3	
	123	1239700	1239M700		<b>D</b>	<i>n n</i>		
	128							
	120	1289700	1289M700	110	1231	128 <sup>1</sup>		
Marc	111	1119700	1119M700				_	
	112	1129700	1129M700					
	114	1149700	1149M700					
	115	1159700	1159M700	1112	1122	1 1 12	115 <sup>2</sup>	
	116	1169700	1169M700	111=	112-	114 <sup>2</sup>	115	
	130	1309700	1309M700					
	131	1319700	1319M700					
	132	1329700	1329M700	116²	1301,2	1311,2	1321,2	
aszlo	147	1479700	1479M700		-			
	148	1489700	1489M700					
	149	1499700	1499M700					
	150	1509700	1509M700	147	148	149	150	
ackson	117	1179700	1179M700					
	119	1199700	1199M700					
	119	1219700	1219M700	4.4.72	1102	4243	1003	1262
	121	1219700	1219M700	117 <sup>2</sup>	119 <sup>2</sup>	121 <sup>2</sup>	122 <sup>2</sup>	126²
	126	1269700	1269M700		1 Complia	as with codes requiring	over to return to within	1/2" (13mm) of door face.
	120	1279700	1279M700			es with codes requiring l ilable in 32D or 32 finisl		1 1/2 (1311111) OI 000F TACE.
	14/	12/3/00	12/31/1/00	1271,2				on page 30 for ordering
et*	21L	21L9700	21L9M700	14/	riet ieve	are custoffileed. 3	cc 11000 to Order	on page 50 for ordering
-	21M	21M9700	21M9M700					
	215	2159700	21S9M700					
	23M	23M9700	23M9M700			_		
				21L	21M	215	23M	25M





# How to Order

### ED5000N 9700 x PWI1 Exit Device

### Ordering Examples

#### **Exit Device Only**

Quantity	Function	Technology Code	Finish	Hand
12	ED5200N	TCPWI1	626	LH

#### **Trim Only**

Quantity	Trim/Function	Technology Code	Finish	Hand	Credential Quick Code
24	N9733	TCPWI1	625	RHR	IKMPS

#### **Exit Device with Trim**

Quantity	Exit Device	:	Technology Code			: -	:			: :	Credential Quick Code
65	ED5633ALN	F9M734	TCPWI1	605	LHR	6P	D200	SB134	W048	M51-M54	IMPS

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

Quantity	Keyset	Exit Device	Trim/Function	Technology Code	Finish	Hand		Credential Quick Code	- )
36	AA1	ED5200N	1149734	TCPWI1	605	LHR	W048	IKMPS	PS

#### Handing





Note: Arrow indicates secure side of door.

#### **Exit Devices**

Exit Device	Function			Tri	m			Finish	Hand
ED5200(A)	9733	Standard		Mus	séo®		Vineyard™	605	RHR
ED5202(A)	9734	А	102	112	125	21L	FR	606	LHR
ED5633(A)	9M733	N	103	114	126	21M	М	611	
ED5634(A)	9M734	PR	104	115	127	215	TS	612	
		С	106	116	128	23M	Z	613	
		D	107	117	129	25M		618	
		Е	108	119	130			619	
		L	109	121	131			625	
		R	110	123	132			626	
			111	124				626C	
								722	
								BSP	
								WSP	







# Available Trim Options

### ED5000N 9700 x PWI1 Exit Device















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

<sup>\*</sup>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**
215	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

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

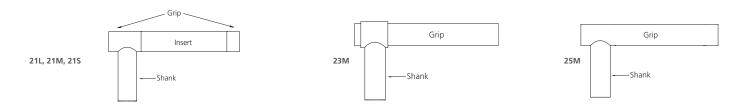




## How to Order

### ED5000N 9700 x PWI1 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	TCPWI1	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	TCPWI1	293029	625	LHR	IKMPS	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.





### **Features**



### FE66735 x PWI1 Multi-Point Lock



Multi-Point Lock - FE66735 x PWI1

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.

#### **Features**

- ANSI/BHMA A156.37 Grade 1 multi-point lock
- EcoFlex® technology offers improved battery life
- Complete, integrated lockset
- Patented, quick reversible latchbolt, 2-piece mechanical with anti-friction insert 5/8" (16mm) x 1" (25mm) x 3/4" (19mm).

#### **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 Series 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
- Handed, easily field reversible without disassembling lockbody
- Concealed vertical assembly (rods, latches and cassette) pre-installed in door.
- Lever trim through-bolted for increased security and durability
- 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
- 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 warranty







# **Functions**

### FE66735 x PWI1 Multi-Point Lock

Outside Inside	Series/Function	Туре	Function Description
	FE66735 No Key Override With Deadbolt*	Entry	<ul> <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> <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>

<sup>\*</sup> Deadbolt required for escape return functionality (a residential requirement in Canada)





# Sold through: Authorized Channel Partner

## **Technical Features**

### FE66735 x PWI1 Multi-Point Lock

#### **Technical Data**

Power Supply:	6 AA alkaline batteries
Voltage (max/min):	12-24 VDC / 5.5 VDC
Expected Battery Life:	1-3 years based on usage
Card Track:	Track 2
Card Coercivity	HiCo (4000 Oersted)

#### Monitoring

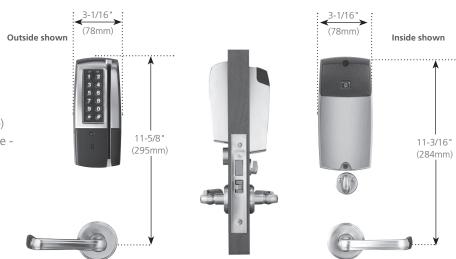
	ML20700 x PWI1	Latchbolt (LX); Dead Bolt (DX)
--	----------------	--------------------------------

#### **Features**

Operating Modes	:	Specify KM, IKMPS, or CKMP; In addition to card, a 4 digit PIN might be required Specify MA, IMPS, CMP; Only card is required
Passage Modes	Manual:	The door automatically becomes unlocked during any passage mode 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

#### 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: 32°F to 104°F (inside)
- Operating temperature: -4°F to 104°F (outside heating element optional for card reader)
- Humidity: <95% non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)









# **Quick Codes**

# FE66735 x PWI1 Multi-Point Lock

### Finish

1 1111311	
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	613¹
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	629³
Satin Stainless Steel	630³
Satin Stainless Steel with MicroShield	630C
Black Oxidized Bronze, Oil Rubbed	722²
Black Suede Powder Coat	BSP
White Suede Powder Coat	WSP

<sup>&</sup>lt;sup>1</sup> New, March 2007

# **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	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
Remote power harness	M35

## **Credential Quick Codes**

ercaeritiai Quien coues	
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*

<sup>\*</sup> 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

<sup>&</sup>lt;sup>2</sup> Formerly 613 prior to March 2007

<sup>&</sup>lt;sup>3</sup> Escutcheon finished to match 629, 630 finish

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







# Lever Trim Designs

# FE66735 x PWI1 Multi-Point Lock

Standard	Lever	A Rose	B Rose	F Rose							
	Armstrong	ASA	ASB	ASF							
	Newport	NSA	NSB	NSF				• (			
	Princeton	PSA	PSB	PSF	A	_	Citatian		Distra		Γ+
	Citation	CSA	CSB	CSF	Armstron	9	Citation		Dirke		Essex*
	Dirke	DSA	DSB	DSF							
	Essex	ESA	ESB	ESF	3						
	Lustra	LSA	LSB	LSF	Lustra*		Newport*		Princeton*		Regis
	Regis	RSA	RSB	RSF							
Vineyard™		G Rose									
	Frascati	FSG						(			
	Merlot	MSG				0					CA
	Tuscany	TSG			Frascati		Merlot		Tuscany		Zinfandel
	Zinfandel	ZSG			riascati		IVIETIOL		Tuscarry		Zimandei
The Muséo	<sup>®</sup> Line										
Georgia	A					4			,		
acorgia											
		102	103		104 <sup>2</sup>	1241		125 <sup>1</sup>			
Salvador				_ &			<b>/</b>				
		106	107		108	109		110	12	.3 <sup>1</sup>	
		128 <sup>1</sup>									
Marc <sup>2</sup>		120				<b>D</b>	Δ		<u> </u>		
IVIdIC		,									
		111	112		114	115		116	13	3O <sup>1</sup>	
	2										
		131 <sup>1</sup>	132¹								
Laszlo				1 2		<u></u>					
		147	148		149	150					
lackson <sup>2</sup>	<u>_</u>										
		105	117		119	121		126¹	1271		
		105	117			121					
		-					■ €				
Piet*		21L	21G		21M	215		23M	25M		
					1. Complies with	n codes requiri	na lever to reti	rn to within 1	/2" (13mm) of	door face	
					2. Not available *Piet levers are	in 32D or 32 fi	nish.				
		27M			riet ievels ale (	Lustornizeu. 3e	e HOW to Off	er on page 4	o for ordering	iiiiOiiiIatlO	11.

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Access 700® PWI1.36

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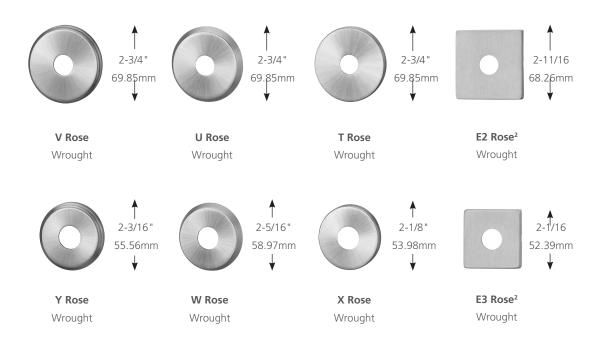




# Available Trim Options

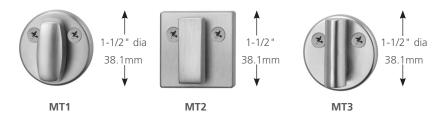
# FE66735 x PWI1 Multi-Point Lock

# Muséo® Collection Roses¹



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

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



#### Notos

- 1. Roses and Inspire trim are only available with Muséo levers.
- 2. Square cylinder collar and thumbturn backplate automatically supplied with E2 and E3 roses. Specify MT1, MT2, or MT3 for decorative thumbturns.
- 3. Thumbturn back plate will match shape of rose chosen (i.e. round or square).





# How to Order



# FE66735 x PWI1 Multi-Point Lock

# Ordering Examples

## **Stock Order**

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	FE66735	TCPWI1	LWA	626	RHR	IKMPS

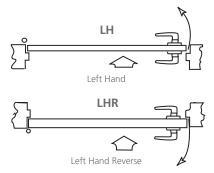
## Split Trim/Finish Order

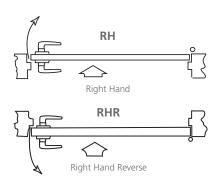
Quantity	Series/ Function	Technology Code	Trim Outside Inside		Finish Outside Inside		Hand	Credential Quick Code	
Quantity	TUTICUOTI	Coue	Outside	IIISIUE	Outside	IIIsiue	Hallu	Quick Code	
24	FE66735	TCPWI1	CSA	CSA	626	606	RHR	IMPS	

# **Contract/Detailed Order**

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	FE66735	TCPWI1	111X	626	RHR	IKMPS

## Handing





Note: Arrow indicates secure side of door.







# How to Order

# FE66735 x PWI1 Multi-Point Lock

#### **Multi-Point Locks**

Function						Tri	m			4	Finish	Hand
FE66735	Standard			Standard Muséo®					Vineyard™	605	RH	
	ASA	ASB	ASF	102V	102U	102T	102Y	102X	102W	FSG	606	RHR
	NSA	NSB	NSF	103V	103U	103T	103Y	103X	103W	MSG	611	LH
	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		BSP	
				128V	128U	128T	128Y	128X	128W	<del>!</del>	WSP	
	-			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		Ī	
				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	21LU2	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**

# FE66735 x PWI1 Multi-Point 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

<sup>\*</sup>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**
215	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

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

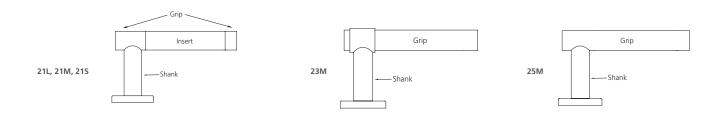




# How To Order

# FE66735 x PWI1 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	TCPWI1	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	TCPWI1	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.







# Options & Accessories

# Access 700 PWI1

# 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 Access 700 PWI1 allows the lock to operate in an always connected mode. The PWI1 allows hard powering via an input of 12 to 24V DC and draws 200mA at 12V DC 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

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

### 784F199 Hard Power Cable Kit

- Included with M35 option units
- Allows for hard powering (M35) of Access 700 PWI1 or IN120 (required for certain monitoring features)
- Compatible with ElectroLynx system







# Quick Code Index

# **Cylinder and Keying Options**

Part No./				
Quick Code	Description	Cylindrical	Mortise	Exit Devi
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)	•	•	•
СТ7В	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 cylind
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)	•	•	•
0.1.00	2 keys per Lock	std	std	std
Y# (e.g. KY6)	More than 2 keys	•	•	•
C (c.g. K10)	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

Outside Escutcheon

**Gaskets** 795F439

## **Credential Quick Codes**

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*

 $<sup>\</sup>mbox{\ensuremath{\star}}$  For Bluetooth Smart support, add "B" to the beginning of the credential quick code.

Experience a safer and more open world







# 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
784585 [finish]	Outside Escutcheon Assembly; Mag Swipe, Keypad, Prox
784595 [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
PWI-CREM03	WiFi Controller Assembly
PWI-CREM04	Mounting Plate Assembly
PWI-CREM02 [finish]	Inside Escutcheon with Privacy Button
PWI-CREM07 [finish]	Replacement Kit (WiFi Controller, Mounting Plate, Battery Cover)







Notes

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, locks, perimeter fencing, access control and service.



For additional information, contact your ASSA ABLOY Door Security Solutions sales consultant or visit **www.corbinrusswin.com**.

### In U.S.

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### In Canada

ASSA ABLOY Door Security Solutions Canada 160 Four Valley Drive Vaughan, Ontario Canada L4K 4T9 Phone: 800-461-3007 Fax: 800-461-8989 www.assaabloydss.ca

### MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria.

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The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must

still be cleaned to ensure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request. Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA