

Corbin
Russwin

ASSA ABLOY

Access
800® | IP1

Intelligent Power over Ethernet (PoE)
Access Control



ASSA ABLOY, the global leader in door opening solutions

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

The Corbin Russwin Access 800 (R) IP1 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.

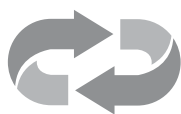
To aid our customers in this area, ASSA ABLOY has created two programs that provide the necessary training to sell, order, install and service our technology products, including Aperio wireless, Integrated Wiegand, IP-enabled and self-configurable intelligent components:

- 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.

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Installed by:



Certified Integrator
ASSA ABLOY

Sold through:



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Applications

Access
800® IP1

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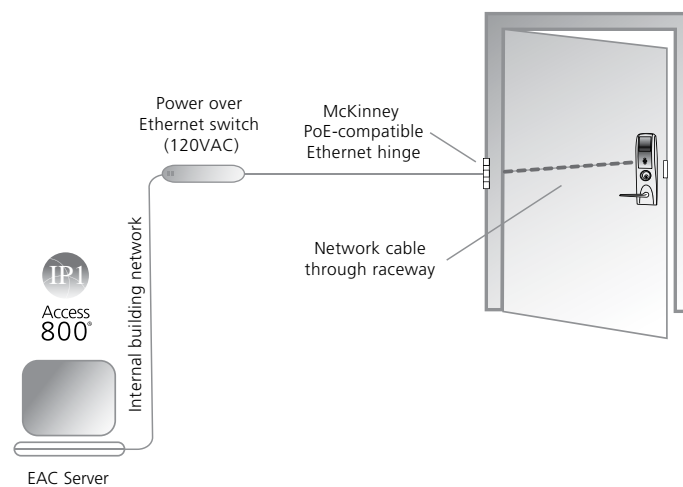
The Corbin Russwin Access 800® IP1 is an intelligent Power over Ethernet (PoE) solution that integrates all standard access control components – including ANSI/ BHMA Grade 1 Corbin Russwin hardware, contactless reader, and door status monitoring and controller into a single device.

The Access 800 IP1 PoE lock uses a single ethernet cable for both power and data, eliminating the need for any additional power supply or electrical wiring. It uses existing IEEE 802.3af PoE infrastructure to streamline the installation process, reduce costs, enable real-time communication, and minimize power consumption.

Using the Local Area Network and HID® 125 kHz proximity or 13.56 MHz iCLASS® credentials, the Access 800 IP1 offers complete access control features such as built-in door status monitoring and real-time configurable alarm notifications. Local decision making ensures operation regardless of network status.

Programming and security management is performed utilizing the ASSA ABLOY Lock Management Tool (LMT) or a third party access control system. All products utilize a microprocessor based controller with non-volatile memory to preserve user and transaction information.

The Access 800 IP1 is offered in ANSI/BHMA Grade 1 cylindrical lock, mortise lock and exit device configurations with a variety of finishes and lever styles for a consistent design aesthetic throughout your facility.





Features & Benefits



Features

- IEEE 802.3af PoE-enabled network infrastructure for both power and data (Class 2 device)
- Integrated ANSI/BHMA Grade 1 lock, available in cylindrical lock, mortise lock and exit device configurations
- Advanced data security with standard encryption techniques
 - AES 128-bit encryption
- Local decision making ensures operation regardless of network status
- Built-in door status monitoring and real-time, configurable alarm notifications
- Mortise locks and exit devices support EcoFlex technology
- Supports 2,400 users and 10,000 event audit trail
- Supports HID® 125 kHz prox or 13.56 MHz iCLASS® credentials (26 - 39 bit); supports CSN reads for other common 13.56 MHz cards, including MiFare, DesFire, and Felica
- Full iCLASS credential authentication
- Available with a keypad option for two-factor authentication
- Available with a variety of finishes and Muséo® decorative levers for a consistent design aesthetic throughout your facility
- Weatherseal gaskets and conduit included for use on exterior doors



Benefits

- Streamlines the installation process, reduces costs, and enables real-time communication
- Significantly reduces installation time and cost compared to traditional access control
- Integration with many popular third party access control systems. For more information, call 800-810-WIRE.
- No proprietary equipment required; integrates easily with existing infrastructure

Environmental Specifications

- Operating temperature:
 - 125 kHz proximity products: -31° F (-35°C) to 151° F (66°C)
 - 13.56 MHz iCLASS products: -13°F (-25°C) to 151°F (66°C)
- Humidity: 85% non-condensing relative humidity @ 30°C (86°F)
- Storage temperature: -22°F (-30°C) to 176°F (80°C)
- Meets UL1034

Electrical Specifications

- Power supplied through Ethernet
- Class 2 Device defined by IEEE 802.3AF requiring only 7 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 (by others):
 - Cat5e or higher
 - TIA/EIA-568-B

Sold through:



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Overview

Access
800® IP1



Cylindrical Lock - CL33800



Exit Device - ED5000 x 9800



Mortise Lock - ML20800

M802 and M812

The M802 (proximity only) and M812 (*iCLASS*® only) configurations of the Access 800® IP1 provide a higher level of security by utilizing proximity or *iCLASS* credentials only. The lock is programmed utilizing LMT or approved third party access control software (via SDK). This configuration is ideal for higher traffic applications where keypad usage is less desirable.

M803 and M813

The M803 (proximity/keypad) and M813 (*iCLASS*/keypad) versions of the IP1 offers the highest level of security and flexibility. Programming and security management is done utilizing LMT or approved third party access control software (via SDK). The M803 and M813 can be programmed to require both PIN code and proximity or *iCLASS* credentials to gain entry or proximity/*iCLASS* only.



Features

ML20800 IP1 Mortise Locks



Mortise Lock
ML20800

Featuring Ecoflex™ technology, the one-piece escutcheon of the motorized mortise lock product has a clean, crisp design and is available with a variety of lever designs and hardware finishes. ML20800 mortise locks are ideal for business and facility entrances, computer room areas, telephone rooms, health clubs, and child care facilities.

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.

Lever Trim

Free floating, to fit doors 1-3/4" (44mm) to 2-1/4" (57mm); see Quick Code section.

Hub

Steel, 5/16" (8mm).

Strike

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

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

Cylinder

1000-138-A01, 6-pin, L4, keyed random, furnished standard for 1-3/4" (44mm) door.

Optional cylinders available.

Monitoring

- Request to Exit
- Latchbolt
- Door Position
- Deadbolt (where applicable)

Warranty

10-year limited mechanical.

2-year limited electrical.

Certification/Compliance

ANSI

Meets A156.13, Grade 1 requirements.

Meets A117.1 Accessibility Code.

Meets A156.25 requirements.

UL /ULC-UL10C Positive Pressure

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

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

Credential Quick Codes

Description	Specify
Prox Only	M802
Keypad/Prox	M803
iCLASS® Only	M812
Keypad/iCLASS	M813

Features

Handing

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

Door Thickness

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

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

Backset

2-3/4" (70mm).

Lockcase

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

Front

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

Armored Front

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

Latch

Patented, quick, reversible 2-piece mechanical with anti-friction insert 5/8" (16mm) x 1" (25mm) x 3/4" (19mm). U.S. Patent #6,349,982.

Sold through:

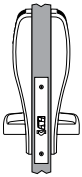
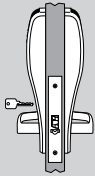

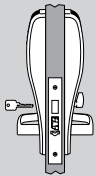


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Functions

Access
800® IP1

ML20800 IP1 Mortise Locks

Outside	Inside	Series/Function	Type	Function Description
		ML20833 No Key Override* No Deadbolt	Entry	<ul style="list-style-type: none"> • Deadlocking latch • Latch retracted by inside lever at all times • Outside lever rigid except when in "passage" mode or valid user code entered
		ML20834 With Key Override No Deadbolt	Entry	<ul style="list-style-type: none"> • Deadlocking latch • Latch retracted by inside lever at all times • Outside lever rigid except when in "passage" mode or valid user code entered • Key outside retracts latch • No deadbolt function
		ML20835 No Key Override* With Deadbolt	Entry	<ul style="list-style-type: none"> • Deadlocking latch • Latch and deadbolt retracted by inside lever at all times • Outside lever rigid except when in "passage" mode or valid user code entered • When deadbolt thrown, outside lever operable only with emergency code or master code
		ML20836 With Key Override With Deadbolt	Entry	<ul style="list-style-type: none"> • Deadlocking latch • Latch and deadbolt retracted by inside lever and deadbolt at all times • Outside lever rigid except when in "passage" mode or valid user code entered • Key outside projects or retracts deadbolt and retracts latch • When deadbolt projected, outside lever operable only with emergency code, master code, or key (key retracts deadbolt and latch)

* Outside escutcheon will not have cylinder hole cutout



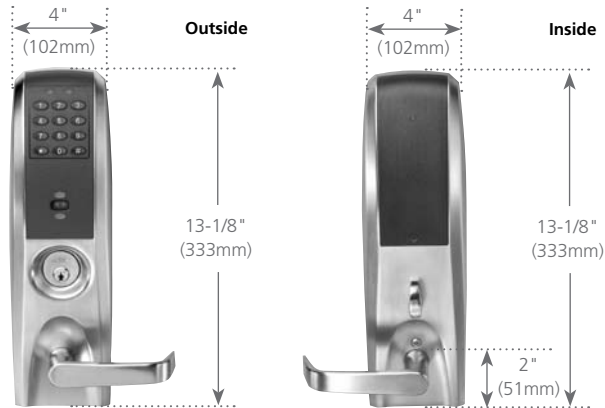
Escutcheons & Cylinders

ML20800 IP1 Mortise Locks



Escutcheons

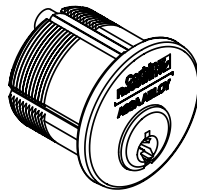
- Zinc die cast
- Lowest projection 11/16" (17mm) less lever
- Highest projection 1-5/8" (41mm)
- Tactile keypad
- Operating temperature:
125 kHz proximity products:
-40°F (-40°C) to 135°F (57°C)
13.56 MHz iCLASS® products:
-13°F (-25°C) to 151°F (66°C)
- LEDs indicate valid/invalid entries
- Keys/buttons with double shot mold construction prevents wear



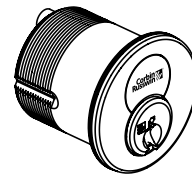
Cylinders

- Conventional (standard for ML2000)
- Security (standard for ML2000HS)
- Pyramid (optional)
- Interchangeable Core (IC)
- 2 nickel silver keys
- Finishes: See Key Systems and Pyramid

Conventional
(Fixed Core)



Interchangeable Core
(IC)



Pyramid
Shown

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)	1030-138-A01
Pyramid Security (PS)	1027-114-A01
Pyramid Security IC (PCS)	1037-138-A01
Conventional 6-pin	1000-138-A01
7-pin (7P)	1000-138-A01-7
6-pin IC (C6)	1080-138-A01
7-pin IC (C7)	1080-112-A01-7
Security IC (CHS)	1090-138-A01
Security (HS)	1010-138-A01

For complete Pyramid information and options refer to Pyramid catalog.

To order optional cylinder with lockset, see Quick Codes, page 14.

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

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Options & Accessories

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ML20800 IP1 Mortise Locks

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

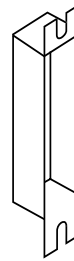
Optional lip lengths: 7/8" (22mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm)

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

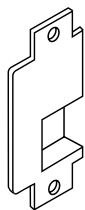
To order with lockset; see Quick Codes, page 14. To order separately, specify 120F768.

		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 14. 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)

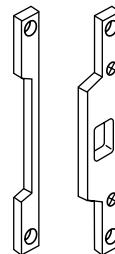


Hand	Door Thickness	Part
LHL	1-3/4" (44mm)	411L63016
	2" (51mm)	411L63018
	2-1/4" (57mm)	411L63020
RHR	1-3/4" (44mm)	411L62016
	2" (51mm)	411L62018
	2-1/4" (57mm)	411L62020

To order with lockset; see Quick Codes, pg. 14.
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
	318F69	LH/RHR
Latchbolt only	318F64	RH/LHR
	318F67	LH/RHR

To order with lockset; see Quick Codes, page 14.
To order separately, specify Part No. x Finish (e.g., 318F66 x 626).



Available Trim Options

ML20800 IP1 Mortise Locks



Standard

ML20800					
Armstrong	ASZ				
Newport	NSZ				
Princeton	PSZ	Armstrong	Citation	Dirke	Essex*
Citation	CSZ				
Dirke	DSZ				
Essex	ESZ				
Lustra	LSZ	Lustra*	Newport*	Princeton*	Regis
Regis	RSZ				

Vineyard™

Frascati	FSZ				
Merlot	MSZ				
Tuscany	TSZ	Frascati	Merlot	Tuscany	Zinfandel
Zinfandel	ZSZ				

Muséo®

GEORGIA

102	102Z						
103	103Z						
104	104Z						
124	124Z						
125	125Z	101	102	103	104	124*	125*

SALVADOR

106	106Z				
107	107Z				
108	108Z				
109	109Z	106	107	108	109
110	110Z				
123	123Z				
128	128Z				
129	129Z	110	123*	128*	129*

MARC

111	111Z				
112	112Z				
113	113Z	111	112	113	114
114	114Z				
115	115Z				
116	116Z				
130	130Z				
131	131Z				
132	132Z	132*			

PABLO

117	117Z				
126	126Z				
		105	117	120	126*

JACKSON

119	119Z				
121	121Z				
122	122Z				
127	127Z	119	121	122	127*

PIET

21G	21GZ				
21L	21LZ				
21M	21MZ	21G	21L	21M	21S
21S	21SZ				
21W	21WZ				
23M	23MZ				
25M	25MZ	21W	23M	25M	27M
27M	27MZ				

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

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Available Trim Options

Access
800 | IP1

ML20800 IP1 Mortise Locks

Muséo® Piet Lever Collection Trim and Finish Options



**Grooved Insert
21G**



**Leather Insert
21L**



**Polished with
Satin Insert
21M**



**Santoprene™
Insert
21S**



**Wood Insert
21W**



**With Raised
Band
23M**



**Plain
25M**



**Plain with Two
Grooves
27M**

Piet Finish Codes

BHMA Finish	Piet Code*	Description
630	30	Satin Stainless Steel
629	29	Bright Stainless Steel
N/A	BH	Birch (wood insert)
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	292929 or 303030
21L	Leather Insert	29BK29, 29BN29 or 30BK30, 30BN30
21M	Metallic Insert	293029** only
21S	Santoprene Insert	29BK29 or 30BK30
21W	Wood Insert	29BH29 or 30BH30
23M	Raised Band	290029, 300030 or 290030**
25M	Plain	290029 or 300030
27M	Two Grooves	290029 or 300030

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

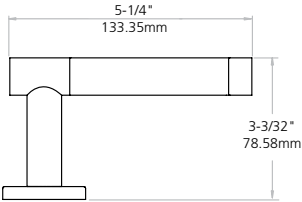


How to Order

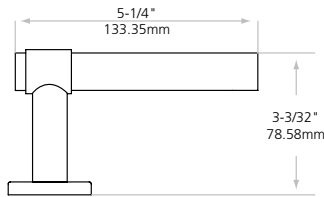
ML20800 IP1 Mortise Locks



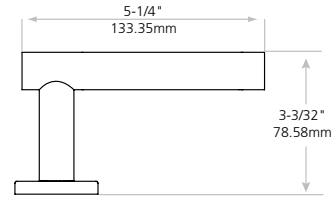
How to Order the Muséo® Piet Lever Collection



21G, 21L, 21M, 21S, 21W



23M



25M, 27M

Stock Order

Quantity	Series/Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	ML20834	TCIP1	21MZ	293029	625	RHR	M803

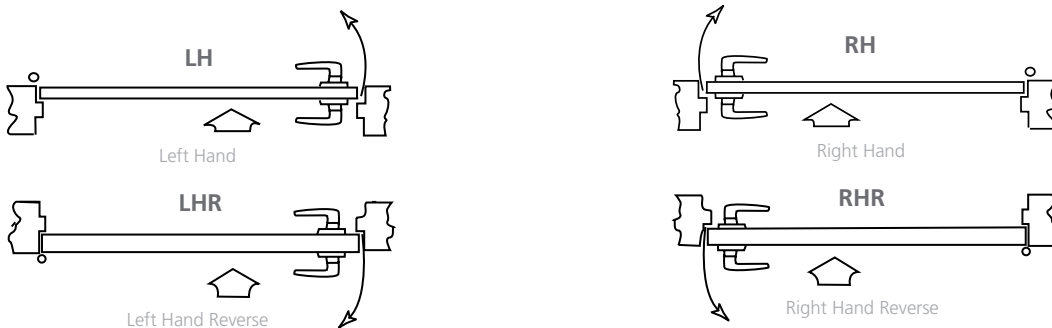
- › Muséo® Piet Lever 21M - Polished with Satin Insert
- › 293029 Lever Finish
- › Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish

Stock Order

Quantity	Series/Function	Technology Code	Trim	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	ML20834	TCIP1	21WZ	29BH29	625	RHR	M813

- › Muséo® Piet Lever 21W - Wood Insert
- › 29BH29 Lever Finish
- › Wood insert with polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- * Escutcheons (lock finish) are plated to match polished stainless steel (629) and satin stainless steel (630) finishes.

Handing



Note: Arrow indicates secure side of door.

Sold through:



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How to Order



ML20800 IP1 Mortise Locks

Ordering Examples

Stock Order

Quantity	Series/Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
24	ML20834	TCIP1	LSZ	626	RHR	M803

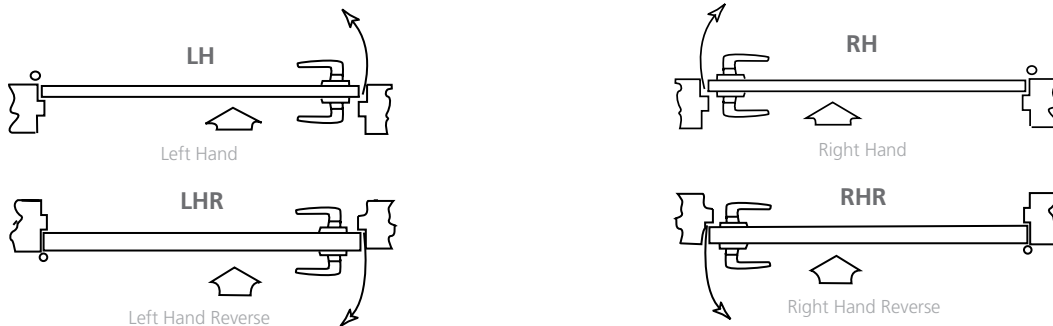
Split Trim/Finish Order

Quantity	Series/Function	Technology Code	Trim		Finish		Hand	Credential Quick Code
			Outside	Inside	Outside	Inside		
24	ML20834	TCIP1	LSZ	CSZ	626	606	RHR	M803

Contract/Detailed Order

Quantity	Keypad	Series/Function	Technology Code	Trim	Finish	Hand	Door Thickness	Optional Strike	Credential Quick Code	Optional Cylinder	Keying
24	AA1	ML20834	TCIP1	LSZ	626	RHR	D214	SA200	M813	C7	VKC3

Handing



Note: Arrow indicates secure side of door.



Quick Codes

ML20800 IP1 Mortise Locks



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 Eyed (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

Cylinders and Keying (Cont.)

Description	Specify
Concealed Key Control (CKC)	
- CKC Cylinders with VKC Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Lock	(standard)
	KY#
More than 2 Keys	(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
Dark Oxidized Satin Bronze - Equivalent	613E
Dark Oxidized Satin Bronze, Clear Coated	613L
Polished Nickel	618
Satin Nickel	619
Polished Chrome	625
Satin Chrome	626
Satin Chrome with MicroShield®	626C
Black Oxidized Bronze, Oil Rubbed	722

Miscellaneous Options

Description	Specify
Torx® head screws	M04
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

*Not available with Vineyard or Museo levers.

Door Thickness

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

Credential Quick Codes

Description	Specify
Prox Only	M802
Keypad/Prox	M803
iCLASS® Only	M812
Keypad/iCLASS	M813

Strikes

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

Handing

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

Sold through:



Authorized Channel Partner
ASSA ABLOY

Features

Access
800[®] IP1

CL33800 IP1 Cylindrical Lock

The motorized Access 800[®] CL33800 design provides uniformity when used with other Corbin Russwin CL3300 locks at a facility. Access 800 products offer access control solutions for meeting rooms, country club locker rooms and assisted living facilities. The product features three different lever designs, seven hardware finishes and cylinder override.



Features

Non-handed

Door Thickness

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

Lock Chassis

Steel, zinc dichromated for corrosion
resistance.

Backset

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

Latchbolt

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

Auxiliary Latchbolt

Deadlocking latchbolt prevents manipulation
when door is closed.

Front

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

Strike

Wrought brass or stainless steel ANSI curved lip
standard, 4-7/8" (124mm) x 1-1/4" (32mm) x
1-1/4" (32mm) lip to center.
Optional strikes, lip lengths and ANSI wrought
strike box available

Cylinder

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

Keying Features Available

Master keying
Construction master keying
Visual key control
Concealed key control
Interchangeable core (IC)
Security
Security IC
Pyramid
Pyramid IC
Pyramid Security
Pyramid Security IC

Keys

Two nickel silver standard.

Key Override

Standard not available with non-key override.

Monitoring

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

Warranty

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



Features & Functions

CL33800 IP1 Cylindrical Lock



Certification/Compliance

ANSI/BHMA

Meets A156.2 Grade 1 requirements.

Federal

Meets FF-H-106C.

California State Reference Code

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

C-UL US

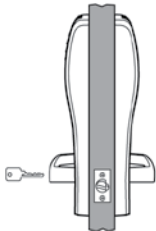
All locks with 1/2" (13mm) throw latchbolt listed for A label and lesser class 4' x 10' single doors. All locks with 3/4" (19mm) throw latchbolt listed for A label and lesser class 8' x 10' pairs of doors. Letter F and UL symbol on latch front indicate listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or

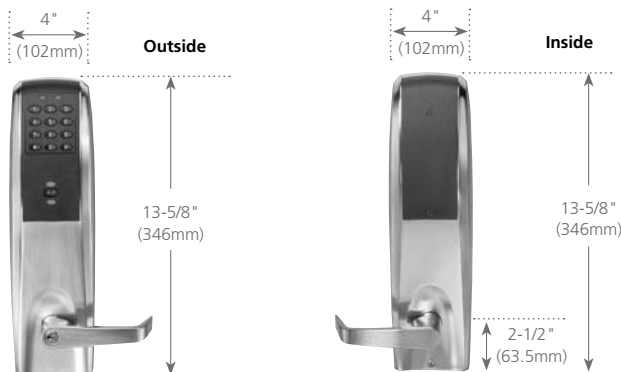
warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Credential Quick Codes

Description	Specify
Prox Only	M802
Keypad/Prox	M803
iCLASS® Only	M812
Keypad/iCLASS	M813

Outside	Inside	Series/Function	Type	Function Description
		CL33834 With Key Override	Entry	<ul style="list-style-type: none"> Latch retracted by inside lever at all times. Key outside retracts latch. Outside lever locked (freewheeling) except when in "passage" mode or valid user code entered.

Escutcheons



- Zinc die cast
- Lowest projection 11/16" (17mm) less lever
- Highest projection 1-5/8" (41mm)
- Tactile keypad
- Operating temperature:
 - 125 kHz proximity products: -40° F (-40°C) to 135° F (57°C)
 - 13.56 MHz iCLASS products: -13°F (-25°C) to 151°F (66°C)
- LEDs indicate valid/invalid entries
- Keys/buttons with double shot mold construction prevents wear
- Freewheeling outside lever when locked

Sold through:



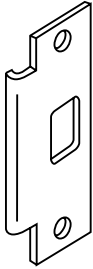
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Options & Accessories

Access
800® IP1

CL33800 IP1 Cylindrical Lock

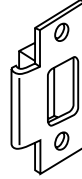
Strikes



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).

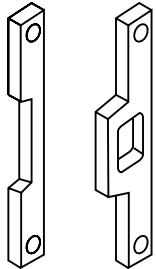
To order with lockset, see Quick Codes on page 19.
To order separately, specify 217L13 x
Lip Length x Finish.



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 page 19.
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 page 19.
To order separately, specify 601F28
x Finish.



ANSI Wrought Strike Box

To order with lockset, see Quick Codes on page 19.
To order separately, specify 120F768.







Available Trim Options and How to Order

CL33800 IP1 Cylindrical Lock



Standard

Standard		CL33800		
Armstrong	AZZ			
Newport	NZZ			
Princeton	PZZ	Armstrong	Newport*	Princeton*
Vineyard™				
Frascati	FZZ			
		Frascati		

Levers shown on mortise locks.

Ordering Examples

Stock Order

Quantity	Series/ Function	Technology Code	Trim	Finish	Hand	Credential Quick Code
100	CL33834	TCIP1	NZZ	626	RHR	M803

Split Trim/Finish Order

Quantity	Series/ Function	Technology Code	Trim		Finish		Hand	Credential Quick Code
			Outside	Inside	Outside	Inside		
12	CL33834	TCIP1	NZZ	AZZ	626	625	LH	M813

Contract/Detailed Order

Quantity	Keyset	Series/ Function	Technology Code	Trim	Finish	Hand	Door Thickness	Backset	Optional Strike	Credential Quick Code	Optional Cylinder	Keying
24	AA1	CL33834	TCIP1	NZZ	626	RHR	D214	B334	SC114	M802	C6	VKC3

Sold through:



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Quick Codes

Access
800 | IP1

CL33800 IP1 Cylindrical Locks

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 ¹	C
Schlage® LA Keyway cylinder ²	LA

1 Available 0-bitted & keyed random (KR) only
2 Available 0-bitted only

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
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

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

Door Thickness

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

Backset

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

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

Credential Quick Codes

Description	Specify
Prox Only	M802
Keypad/Prox	M803
iCLASS® Only	M812
Keypad/iCLASS	M813



Features

ED5000 x 9800/9M800 IP1 Exit Device



Access 800® products for Corbin Russwin's ED5000 Series rim, SecureBolt® and mortise exits provide access control in areas where life safety is a concern. This includes stairwell areas or tenant occupied facilities. Corbin Russwin Access 800 exit devices are available with a variety of lever design styles and hardware finishes.

Features

Handing

Rim device is non-handed. Lever trim is handed. Mortise device is handed.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30" (762mm) to 36" (914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36" (914mm) to 48" (1219mm) door; specify W048.

Door Thickness

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

Stile

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

Latchbolt

3/4" (19mm) throw, stainless steel pullman-type with stainless steel deadlocking latch.

Latchbolt - for ED5200S(A) SecureBolt

Full 3/4" (19mm) projection, 1" (25mm) strike engagement, positive deadlocking by auxiliary bolt.

Projection

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

Dogging

Standard on panic-rated devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

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

Standard on fire-rated devices: sex nuts and bolts. Optional on panic devices: sex nuts and bolts for use on wood, composite or unreinforced metal doors; specify M54. Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Surface-mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims, assuring low friction relocking for a long, trouble-free life.

Functions and Trims

Through-bolted lever trim available with wide range of functions; see Trim, pages 27-28.

Cylinders

Cylinder not included unless specified.

Shim Kit

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

Key Override

Standard. Available with non-key override.

Monitoring

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

Warranty

5-year limited mechanical.
2-year limited electrical.

Sold through:

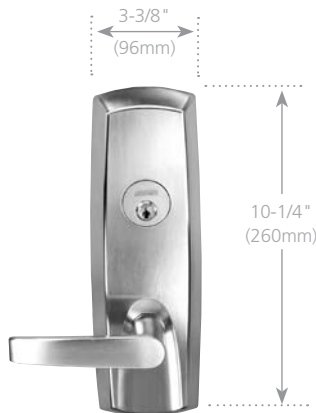
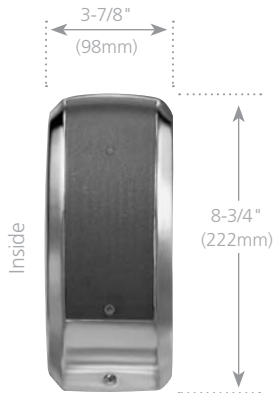
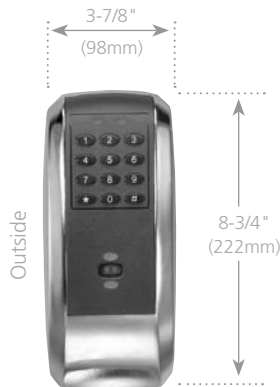


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Features

Access
800 | IP1

ED5000 x 9800/9M800 IP1 Exit Device



Escutcheons

- Zinc die cast
- Projection at top 1-5/8" (41mm)
- Tactile Keypad
- Operating temperature:
 - 125 kHz proximity products: -40° F (-40°C) to 135° F (57°C)
 - 13.56 MHz iCLASS® products: -13°F (-25°C) to 151°F (66°C)
- LEDs indicate valid/invalid entries
- Keys/buttons with double shot mold construction prevents wear

Outside Lever Control

- Cast lever
- Forged escutcheon
- Free wheeling lever when locked (9833 and 9834 only)

Certification/Compliance

ANSI

Meets A156.3, Type 1 & 3, Grade 1.

Meets A117.1 Accessibility Code.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on active case cover indicates listing.

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

California State Reference Code

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

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Credential Quick Codes

Description	Specify
Prox Only	M802
Keypad/Prox	M803
iCLASS Only	M812
Keypad/iCLASS	M813



Functions

ED5000 x 9800/9M800 IP1 Exit Device



Outside	Inside	Series/Function	Type	Function Description
		ED5200(A)N & ED5200S(A)N *9833 No Key Override**	Entry	<ul style="list-style-type: none"> Latch retracted by inside push pad at all times Outside lever locked (freewheeling) except when in passage mode or valid user code entered
		ED5200(A)N & ED5200S(A)N *9834 With Key Override	Entry	<ul style="list-style-type: none"> Latch retracted by inside push pad at all times Outside lever locked (freewheeling) except when in passage mode or valid user code entered Outside cylinder override allows lever to retract latch
		ED5633(A)LN *9M833 No Key Override**	Entry	<ul style="list-style-type: none"> Latch retracted by inside push pad at all times Outside lever rigid except when in passage mode or valid user code entered
		ED5634(A)LN *9M834 With Key Override	Entry	<ul style="list-style-type: none"> Latch retracted by inside push pad at all times Outside lever rigid except when in passage mode or valid user code entered Outside cylinder override retracts latch

Note: 9M833 and 9M834 cannot be retrofitted to an existing ED5600 Series mortise device. When ordered as "Trim Only", 9M833 and 9M834 will be furnished with the appropriate mortise lock.

*Lever Design (prefix)

** Outside escutcheon will not have cylinder hole cutout.

Sold through:

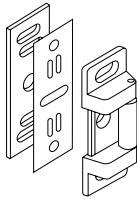


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Option & Accessories

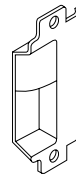
Access
800[®] IP1

ED5000 x 9800/9M800 IP1 Exit Device



SecureBolt® and Fire-Rated Rim Strike

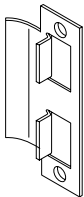
Standard on ED5200S, ED5200SA, ED5200A and ED5200 devices. Supplied with locking plate and two 1/16" (1.6mm) shims. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. 3-1/2" x 1-1/4" (99mm x 32mm). Black finish only. To order separately specify 650F30-8.



Open Back Strike

Optional for use with ED5600 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.

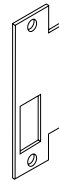
Door Thickness	Type	Part No.
1-3/4" (44mm)	Curved lip	653L183016
	Straight lip	653L163016
2-1/4" (57mm)	Curved lip	653L183020
	Straight lip	653L163020



Mortise Strikes

Mortise Strike

Standard on ED5600(A) 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.

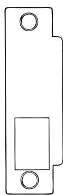


Mortise Strike for Pairs of Doors with Astragal

Optional for use with ED5600(A) 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.

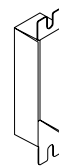
Mortise Strike

Standard on ED5600 and ED5600(A) 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 ED5600 and ED5600A 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.

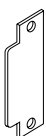
ED5000 Mechanical Exit Device Retrofit Kit

For use with Access 800 IP1 Exit Trim.

Kit allows you to retrofit an existing ED5000 mechanical exit device with M92 (Touch Bar Monitor/REX) that will integrate with Access 800 IP1 trim

Kit Includes:

- Touch bar monitor/REX assembly
- Harness from REX switch to Access 800 IP1 controller
- Trim slide retainer/screw
- Trim slide wire bracket
- Wire grommet
- Installation instructions
- Specify 716F129



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.



Available Trim Options

ED5000 x 9800/9M800 IP1 Exit Device



Standard

	ED5200N	ED5600N				
Armstrong	A9800	A9M800				
Newport	N9800	N9M800				
Princeton	PR9800	PR9M800				
Citation	C9800	C9M800	Armstrong	Citation	Dirke	Essex*
Dirke	D9800	D9M800				
Essex	E9800	E9M800				
Lustra	L9800	L9M800	Lustra*	Newport*	Princeton*	Regis
Regis	R9800	R9M800				
Vineyard™						
Frascati	F9800	F9M800				
Merlot	M9800	M9M800				
Tuscany	TS9800	TS9M800				
Zinfandel	Z9800	Z9M800	Frascati	Merlot	Tuscany*	Zinfandel
Muséo®						
GEORGIA						
102	1029800	1029M800				
103	1039800	1039M800				
104	1049800	1049M800				
124	1249800	1249M800				
125	1259800	1259M800	102	103	104	124* 125*
SALVADOR						
106	1069800	1069M800				
107	1079800	1079M800				
108	1089800	1089M800				
109	1099800	1099M800				
110	1109800	1109M800	106	107	108	109*
123	1239800	1239M800				
128	1289800	1289M800				
129	1299800	1299M800	110	123*	128*	129*
MARC						
111	1119800	1119M800				
112	1129800	1129M800				
113	1139800	1139M800				
114	1149800	1149M800				
115	1159800	1159M800	111	112	113	114 115
116	1169800	1169M800				
130	1309800	1309M800				
131	1319800	1319M800				
132	1329800	1329M800	116	130*	131*	132*
PABLO						
117	1179800	1179M800				
126	1269800	1269M800				
JACKSON						
119	1199800	1199M800				
121	1219800	1219M800				
122	1229800	1229M800				
127	1279800	1279M800	119	121	122	127*
PIET						
21G	21G9800	21G9M800				
21L	21L9800	21L9M800				
21M	21M9800	21M9M800				
21S	21S9800	21S9M800				
21W	21W9800	21W9M800				
23M	23M9800	23M9M800	21G	21L	21M	21S 21W 23M 27M
25M	25M9800	25M9M800				
27M	27M9800	27M9M800				

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Available Trim Options

Access
800 | IP1

ED5000 x 9800/9M800 IP1 Exit Device

Muséo® Piet Lever Collection Trim and Finish Options



**Leather Insert
21L**



**Santoprene™ Insert
21S**



**Wood Insert
21W**



**Plain
25M**



**Plain with Two Grooves
27M**

Trim	Lever Finish Options					
Lever Style	Shank Finish	Specify	Insert Finish	Specify	Grip Finish*	Specify
21L	629 or 630	29 or 30	Black or Brown	BK or BN	629 or 630	29 or 30
21S	629 or 630	29 or 30	Black	BK	629 or 630	29 or 30
21W	629 or 630	29 or 30	Birch	BH	629 or 630	29 or 30
25M	629 or 630	29 or 30	N/A	00	629 or 630	29 or 30
27M	629 or 630	29 or 30	N/A	00	629 or 630	29 or 30



**Grooved Insert
21G**



**Polished with Satin Insert
21M**



**With Raised Band
23M**

Trim	Lever Finish Options					
Lever Style	Shank Finish	Specify	Insert Finish	Specify	Grip Finish	Specify
21G	629 or 630	29 or 30	N/A	00	629 or 630	29 or 30
21M	629	29	630	30	629	29
23M	629 or 630	29 or 30	N/A	00	629 or 630	29 or 30

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

** Grip finish must match shank finish

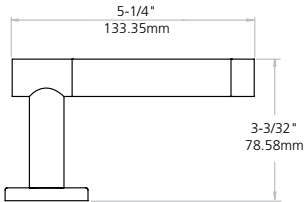


How to Order

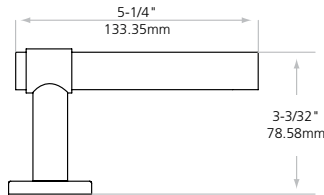
ED5000 x 9800/9M800 IP1 Exit Device



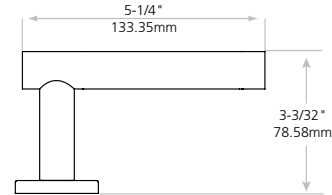
How to Order the Muséo® Piet Lever Collection



21G, 21L, 21M, 21S, 21W



23M



25M, 27M

Trim Only

Quantity	Trim/ Function	Technology Code	Lever Finish	Lock Finish*	Hand	Credential Quick Code
2	21M9833	TCIP1	293029	625	RHR	M803

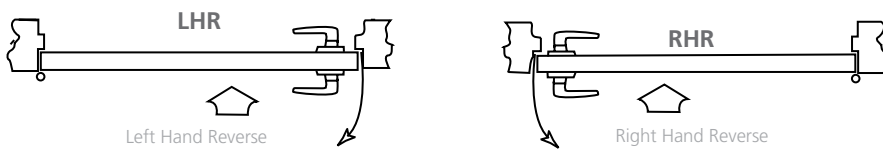
- › Muséo® Piet Lever 21M - Polished with Satin Insert
- › 293029 Lever Finish
- Polished with satin stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish

Exit Device with Trim

Quantity	Exit Device	Trim/ Function	Technology Code	Lever Finish	Lock Finish*	Hand	Cylinder Option	Door Thickness	Optional Strike	Door Width	Credential Quick Code
2	ED5634LN	21W9M834	TCIP1	29BH29	625	LHR	6P	D200	SB134	W048	M813

- › Muséo® Piet Lever 21W - Wood Insert
- › 29BH29 Lever Finish
- Polished with stainless steel insert (630), polished stainless steel (629) shank and polished stainless steel (629) grip
- › 625 Lock Finish
- * Escutcheons (lock finish) are plated to match polished stainless steel (629) and satin stainless steel (630) finishes.

Handing



Note: Arrow indicates secure side of door

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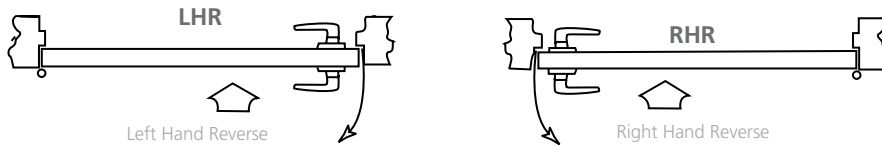
How To Order & Quick Codes



ED5000 x 9800/9M800 IP1 Exit Device

Ordering Examples

Handing



Note: Arrow indicates secure side of door

Trim Only

Quantity	Trim/Function	Technology Code	Finish	Hand	Credential Quick Code
24	N9833	TCIP1	625	RHR	M803

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
65	ED5634LN	N9M834	TCIP1	605	LHR	6P	D200	SB134	W048	M51-M54	M802

Contract/Detailed Order - Rim Exit Device with Trim

Quantity	Keypad	Exit Device	Trim/Function	Technology Code	Finish	Hand	Door Width	Credential Quick Code	Cylinder Option
36	AA1	ED5200N	C9834	TCIP1	626	LHR	W048	M813	7P



Quick Codes

ED5000 x 9800/9M800 IP1 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	
- 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 VKC 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
Dark Oxidized Satin Bronze, Clear Coated	613L
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

*Lever only. Escutcheons plated to match.

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
Prox Only	M802
Keypad/Prox	M803
iCLASS® Only	M812
Keypad/iCLASS	M813

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

Miscellaneous Options

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

*Not available with Vineyard or Museo levers.

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Management Tool

Access
800® IP1

Lock Management Tool

Lock Management Tool™ allows programming, interrogation and overall management from a centralized location for up to 50 doors. The application facilitates communication from a computer to the Access 800® IP1 locks via 802.3af PoE infrastructure. Lock Management Tool is a program that allows an administrator to establish multiple user types, time zones, holidays, user groups, auto-unlock periods and to obtain transaction history from all locks connected to the system. The Lock Management Tool consists of a server based installation (a small workstation will be sufficient) with most of the daily administration and configuration being done through a web browser.

Lock Management Tool (Part Number WFCD2) Features

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

Hardware and Software Requirements

Hardware

- Memory: 2 GB minimum, 4 GB+ recommended
- Storage: 20 GB free hard disk space
- Processor: Dual Core/(min Pentium IV w/HT) @ 2GHz (or equivalent) or faster
- Screen: 800 x 600 required; 1024 x 768 Recommended
- Network Card required
- CD-ROM required
- RS232 Serial Port (DB9)

Operating System:

- Windows XP 32bit, Server 2003 32bit, Vista 32/64bit, Windows 7 32/64bit, or Windows Server 2008/2008R2

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

Integration Tools for ASSA ABLOY Locks

The Corbin Russwin IP-enabled locks are managed by a range of access control and security systems. For more information on which systems support the Corbin Russwin IP-enabled locks, please contact your local ASSA ABLOY Door Security Solutions office, www.assaabloyds.com. To learn more about how to integrate these and other ASSA ABLOY products with your system, please call 800-810-WIRE.





Options & Accessories

Access
800® IP1

The access credentials below are only compatible with the M802 (125 kHz reader) option. Other credentials (125 kHz proximity and 13.56 MHz iCLASS®, 26-39 bit formats) can be purchased from HID®.



Credential Features

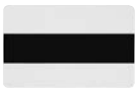
- Allows integration into existing facilities with HID-based technology
- Standard credentials available with 26 bit Wiegand format and Corbin Russwin assigned site code
- *HID* credentials available. For a higher level of security, custom cards, fobs or tags with unique site codes are available; consult factory.



ProxKey III

PF Corbin Russwin ProxKey III

- Site Code and Proximity ID#’s determined and controlled by Corbin Russwin
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- 1.555" x 1.25" x 0.235" inches max (3.95 cm x 3.18 cm x 0.60 cm)
- Key ring sold separately (part no. 57-0001-02)
- Corbin Russwin ProxKey III ordered individually*** (Minimum order is 25 ProxKey III)



ISOProx® II Card

- 26 bit format
- Blank (white) card
- Blank card can be printed with customer’s text and graphics – by others
- 25/pkg.
- Dimensions: 2-1/8" x 3-3/8" (54mm x 85.7mm)
- Thickness: .033" nom. (.84mm)

794F329	C/R 26 bit ISOProx II Card blank
794F369	HID 26 bit ISOProx II Card without logo

PF-C Custom ProxKey III

- Site Code - requested by customer
- Proximity ID#’s requested by customer
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- 1.555" x 1.25" x 0.235" inches max (3.95 cm x 3.18 cm x 0.60 cm)
- Key ring sold separately (part no. 57-0001-02)
- PF-C Custom ProxKey III ordered individually*** (Minimum order is 100 Custom ProxKey III)



MicroProx® Tag

- 26 bit format with Corbin Russwin site code or customer site code
- Sequence numbers marked on each tag
- Gray color with HID Logo
- 10/pkg. (100 minimum order quantity)
- Dimensions: 1.285" x 0.070" (32.6mm x 1.78mm)
- For *MicroProx* Tag with customer site code, consult factory for minimum quantities

794F439	C/R 26 bit ProxKey III
794F459	HID 26 bit ProxKey III

Note 1: Access 800® will support all *HID* bit formats when proximity credentials are programmed directly into keypad (Presentation Method).

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Options & Accessories

Access
800® IP1

WFCD1 Network And Lock Configuration CD Tool Kit*

- Required to configure network settings of the Access 800® IP1 lock

Contains:

- NCT/LCT software
- Serial adapter cable (to order, specify 716F179)
- Users' manual (on CD)
- Prox card
- iCLASS® Reader Configuration Cards Pack (WF001)



WF001 - iCLASS® Reader Configuration Cards Pack (included in WFCD1)

Includes four (4) cards for field configuration of reader

- iCLASS Configuration Card
- iCLASS Hard-Powered/PoE Configuration Card
- CSN Configuration Card
- CSN Hard-Powered/PoE Configuration Card

WFCD2 Lock Management Tool (LMT) CD*

- Lock Management Tool™ allows programming, interrogation and overall management from a centralized location of up to 25 doors
- License is included and is obtained at time of installation
- Kit Contains:
 - LMT software
 - Users' manual (on CD)



WFCD3 Lock Management Tool (LMT) CD*

- Lock Management Tool™ allows programming, interrogation and overall management from a centralized location of up to 50 doors
- License is included and is obtained at time of installation
- Kit Contains:
 - LMT software
 - Users' manual (on CD)

**The network and lock configuration CD Tool Kit (WFCD1) is required to set up Access 800 IP1 locks. Only one is required per system. Lock Management Tool or a compatible system is also required.*



Common Replacement Parts

Access
800® IP1



Adapter Cable

- Included with the Access 800® IP1
- Allows for certain monitoring features
- Compatible with ElectroLynx® system
- To order separately, specify 712F859



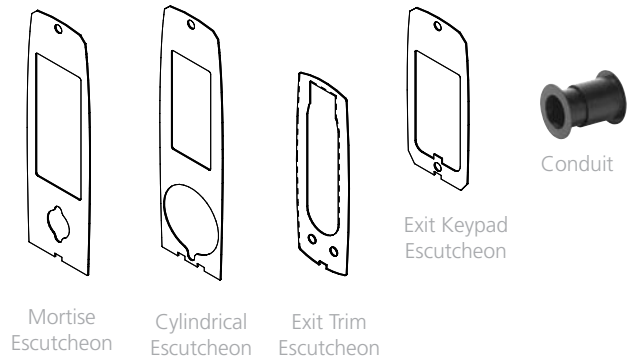
Door Position Switch (DPS)

- SPDT concealed switch (2 wire)
- Metal door adapter included
- 3/8" diameter for wood door
- 3/4" diameter for metal door
- Supplied with Access 800 IP1 exit devices and cylindrical locks
- To order separately, specify 712F869

Weatherseal Gasketing Kit

- Includes rubber gasket(s) and durable ABS Conduit
- Gaskets provide sealing between escutcheons and door for exterior applications
- Conduit provides weather protection inside of door
- Gasketing and conduit for use on non-fire rated exterior applications only
- To order separately, specify kit part number

Access 800 Product	Kit Part Number
ML20800 Series Mortise Lock	794F929
CL33800 Series Cylindrical Lock	794F919
9800/9M800 Series Exit Trim	794F909



Readers:

Keypad and Proximity or iCLASS



Proximity or iCLASS no keypad



Controller



Keypad/Prox/RF Assemblies

Assembly*	Product	Part Number
Readers	M802 (prox only)	716F389
	M803 (prox with keypad)	716F399
	M812 (iCLASS® only)	716F409
	M813 (iCLASS with keypad)	716F419
Controller	M802/M803/M812/M813 (iCLASS or prox)	712F809

* Assemblies include circuit board and housing. Batteries not included.

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Architectural Specifications

Access
800® IP1

ML20800 x TCP/IP Series Mortise Locks *Intelligent Power over Ethernet (PoE) Access Control*

- PoE access control mortise locks shall be ML20800 Series as manufactured by Corbin Russwin Architectural Hardware of Berlin, CT.
- BHMA certified extra heavy duty, lever type mortise lock conforming to ANSI 156.13 Series 1000, Grade 1 standard and ANSI A117.1 accessibility guidelines. Motorized locking control of lever handle trim (solenoids not acceptable) with 3/4" anti-friction deadlocking latch and 1" case hardened steel deadbolt. UL listed and labeled for up to 3 hour fire rated openings.
- PoE access control locks interface to the electronic access control (EAC) system via a direct 10/100 TCP/IP connection. Integration with third party EAC systems is easily accomplished using a Software Development Kit (SDK) or Door Service Router (DSR). Locks will continue to function at the door independent of Ethernet (LAN) connection slowdown or failure.
 - Provide access control products with nonvolatile memory.
- Provide keypad/proximity (M803), proximity only (M802), keypad/iCLASS® (M813) and iCLASS only (M812) locks with a minimum of 2,400 user codes and the ability to audit the last 10,000 transactions.
- Provide Lock Management Tool (M802, M803, M812, M813), Microsoft Windows operating system compatible, required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history – event type, date, time, user ID and name
- Monitoring: Software accessible monitoring (via SDK) of inside lever handle (Request-to-Exit), auxiliary latch, deadbolt, and door position switch (door open/closed status).
- Emergency override access capability by mechanical key retraction of both latch bolt and deadbolt without electronic activation necessary.
- Inside lever retracts latch bolt and deadbolt simultaneously.
- Locks to be weather resistant via installation of shroud (optional), conduit and gaskets.
- Hard wiring electrical connections and wiring by others.
- Cylinders: Reference 2.04 Keying for keying requirements.

CL33800 x TCP/IP Cylindrical Locks *Intelligent Power over Ethernet (PoE) Access Control*

- PoE access control cylindrical locks shall be CL33800 Series as manufactured by Corbin Russwin Architectural Hardware of Berlin, CT.
- BHMA certified extra heavy duty, lever type cylindrical lock conforming to ANSI 156.2 Series 4000, Grade 1 standard and ANSI A117.1 accessibility guidelines. Motorized locking control of lever handle trim (solenoids not acceptable) with 1/2" anti-friction deadlocking latch, UL listed and labeled for up to 3 hour fire rated openings.
 - Backset: 2 3/4 inches.
- PoE access control locks interface to the electronic access control (EAC) system via a direct 10/100 TCP/IP connection. Integration with third party EAC systems is easily accomplished using a Software Development Kit (SDK) or Door Service Router (DSR). Locks will continue to function at the door independent of Ethernet (LAN) connection slowdown or failure.
 - Provide access control products with nonvolatile memory.
- Provide keypad/proximity (M803), proximity only (M802), keypad/iCLASS (M813) and iCLASS only (M812) locks with a minimum of 2,400 user codes and the ability to audit the last 10,000 transactions.
- Provide Lock Management Tool (M802, M803, M812, M813), Microsoft Windows operating system compatible, required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history – event type, date, time, user ID and name
- Monitoring: Software accessible monitoring (via SDK) of inside lever handle (Request-to-Exit) and Door Position Switch (door open/closed status).
- Emergency override access capability by mechanical key retraction of latch bolt without electronic activation necessary.
- Inside lever retracts latch bolt.
- Locks to be weather resistant via installation of shroud (optional), conduit and gaskets.
- Hard wiring electrical connections and wiring by others.
- Cylinders: Reference 2.04 Keying for keying requirements.

ED5000N x 9800 x TCP/IP Exit Devices *Intelligent Power over Ethernet (PoE) Access Control*

- PoE access control exit devices shall be ED5000 Series as manufactured by Corbin Russwin Architectural Hardware of Berlin, CT.
- BHMA certified panic and exit device hardware conforming to ANSI 156.3, Grade 1 standard and ANSI A117.1 accessibility guidelines. U.L. listed for either panic or as "Fire Exit Hardware" for use on labeled doors up to 3 hour fire rated openings.
- Motorized locking and unlocking of lever handle (solenoids not acceptable) contained completely within the body of the outside trim control. Provide lever design matching lock lever design.
- PoE access control locks interface to the electronic access control (EAC) system via a direct 10/100 TCP/IP connection. Integration with third party EAC systems is easily accomplished using a Software Development Kit (SDK) or Door Service Router (DSR). Locks will continue to function at the door independent of Ethernet (LAN) connection slowdown or failure.
 - Provide access control products with nonvolatile memory.
- Provide keypad/proximity (M803), proximity only (M802), keypad/iCLASS (M813) and iCLASS only (M812) locks with a minimum of 2,400 user codes and the ability to audit the last 10,000 transactions.
- Provide Lock Management Tool (M802, M803, M812, M813), Microsoft Windows operating system compatible, required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history – event type, date, time, user ID and name
- Monitoring: Software accessible monitoring (via SDK) of inside push bar (Request-to-Exit), latch, and door position switch (door open/closed status).
- Provide keyed cylinder dogging feature for non-rated panic devices and keyed removable mullions as specified in the Hardware Groups.
- Locks to be weather resistant via installation of shroud (optional), conduit and gaskets.
- Hard wiring electrical connections and wiring by others.
- Cylinders: Reference 2.04 Keying for keying requirements. Provide cylinders for exit devices with cylinder override and cylinder dogging
 - Cylinders: Refer to 2.04 KEYING, keying requirements.



Quick Code Index

Access
800® IP1

Hardware

Part No./ Quick Code	Description
784	Optional Power Supply - Gel Cell Battery, ordered with Device
708F979	Conduit
712F859	Adapter Cable
793F029	Ribbon Cable
793F039	784 Remote power supply (includes plug-in wall transformer & 12 feet of shielded wire)
793F049	Plug in wall transformer
793F059	Cable assembly - power supply
793F069	Power/remote unlocking harness
793F089	12 V 1.2 A/Hr. Gel Cell Battery
793F199	Battery, Alkaline (AA) (single battery)
793F309	Power Supply Circuit Board

Gaskets

794F509	Gaskets Exit device - Reader
794F519	Gaskets Exit device trim
794F529	Gaskets Cylindrical lock
794F539	Gaskets Mortise lock

Credentials

794F319	C/R 26 bit ISOProx® II with logo
794F329	C/R 26 bit ISOProx II blank
794F359	HID 26 bit ISOProx II with logo
794F369	HID 26 bit ISOProx II without logo
794F339	C/R 26 bit ProxCard® II with logo
794F349	C/R 26 bit ProxCard II blank
794F379	HID 26 bit ProxCard II with logo
794F389	HID 26 bit ProxCard II without logo
794F399	C/R DuoProx® II - Prox and magstripe with logo
794F409	C/R DuoProx II - Prox and magstripe without logo
794F419	HID 26 bit DuoProx II - Prox and magstripe
794F429	C/R MicroProx® tag
794F449	HID MicroProx tag with customer site code
794F439	C/R 26 bit ProxKey® III
794F459	HID 26 bit ProxKey III

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Notes

Access
800® IP1

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience



In U.S.
Corbin Russwin
Architectural Hardware
225 Episcopal Road
Berlin, CT 06037
Phone: 800-543-3658
Fax: 800-447-6714
corbinrusswin.com

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

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.



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. MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.