

Mortise Cylinders



How to Order Examples

Access 3 Fixed Core Mortise Cylinder Ordered Separately

Quantity	Keyset	Cylinder	Length	Cam	Keyway	Finish
50	AA1	1500	114	A01	CRA1	626

Access 3 Fixed Core Mortise Cylinder Ordered with a Mortise Lock

Quantity	Keyset	Series/Function	Trim	Keyway	Finish	Hand	Access 3 Quick Code
50	AA1	ML2051	LSA	CRA1	626	RHR	AP, AS or AHS

Access 3 Interchangeable Core Mortise Cylinder Ordered Separately

Quantity	Keyset	Cylinder	Length	Cam	Keyway	Finish	Collar *
50	AA1	1580	114	A01	CRA1	626	610F02

Access 3 Interchangeable Core Cylinder Ordered with a Mortise Lock

Quantity	Keyset	Series/Function	Trim	Keyway	Finish	Hand	Access 3 Quick Code
50	AA1	ML2051	LSA	CRA1	626	RHR	ACP, ACS, ACHS

Access 3 Interchangeable Temporary Core Cylinders Ordered with a Mortise Lock

Quantity	Keyset	Series/Function	Trim	Finish	Hand	Access 3 Quick Code**
50	AA1	ML2051	LSA	626	RHR	CT6AHR

Access 3 Interchangeable Core Mortise Housings Only

Quantity	Housing	Length	Cam	Finish
50	1070 (AP & AS), 1078 (AHS)	114	A01	626

*See page 14 for collar quick codes.

**See page 5 for Temporary Core Options Quick Codes

Overview

ML20600 NAC

ML20600 NAC Series Electrified Mortise Lock with High Security Monitoring

The high security monitoring options of our industry-leading Integrated Wiegand locks are now available in a mortise lock with ElectroLynx® connectors that can be used as a stand-alone electrified lock or in conjunction with a wall reader. Every NAC lock is shipped with door position and request to exit monitoring installed. NAC locks ordered with deadbolt are supplied with deadbolt monitoring. (PHR options will replace deadbolt monitoring with deadbolt privacy)

High Security Monitoring Options

- **Internal End-of-Line Monitoring**

Integrated directly into the mortise lock, internal end-of-line resistors monitor the line from the access control panel to the lock. Typically, resistors are installed at the panel or above the door, creating vulnerability between the resistors and the locks. Incorporating resistors within the lock eliminates any risk of undetected tampering or damage, while also reducing installation costs, simplifying specifications, and offering the assurance of a factory installed and tested product.

Select a compatible resistor configuration and add the appropriate quick code to the beginning of your order string:

- **R01:** Mercury and Lenel compatible 1K Ω /2K Ω resistance supervision
- **R03:** Software House compatible 1K Ω /2K Ω resistance supervision
- **R04:** AMAG compatible 4-state supervision

- **Deadbolt Privacy Function (PHR)**

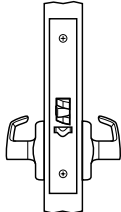
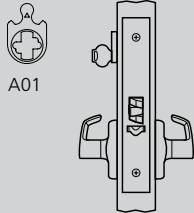
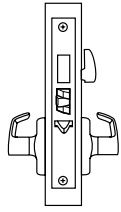
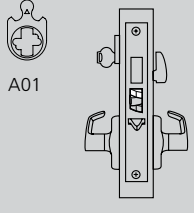
- Engaging the deadbolt disables remote access control unlocking (keypad or card reader) or scheduled unlock.
- Ideal for personal privacy areas, such as nursing rooms, on-call doctors' rooms, restrooms, and shower areas
- To order, add the PHR to the options of your order string available with SEC deadbolt functions only (ML20608 x SEC or ML20609 x SEC)

Featuring EcoFlex™ Technology*:

- Reduces energy consumption up to 96% as certified by GreenCircle
 - Lower operating costs
 - Assists with load reduction in optimizing energy performance credit in LEED
 - Reduces number of power supplies required
- Field configurable to fail-safe or fail-secure
- Operates from 12-24VDC, offering greater flexibility in system design
- Innovative actuator design provides superior reliability
 - Higher performance and reduced maintenance
 - Ability to have longer cable runs without negatively impacting lock function
 - Reduces risk of voltage drops and eliminates inductive kickback
 - Lower total cost of ownership

Functions

ML20600 NAC

Outside	Inside	Series/Function	Type	Function Description
		ML20607 x NAC x SEC Fail Secure No Key Override No Deadbolt	Entry	<ul style="list-style-type: none"> • Fail Secure - Power off, trim outside is locked • Deadlocking latch • Latch retracted by inside lever at all times • Outside lever rigid except when lock is energized • Request to exit and secure door position monitor are standard
		ML20606 x NAC x SEC Fail Secure With Key Override No Deadbolt	Entry	<ul style="list-style-type: none"> • Fail Secure - Power off, trim outside is locked • Deadlocking latch • Latch retracted by inside lever at all times • Outside lever rigid except when lock is energized • Key outside retracts latch • Request to exit and secure door position monitor are standard
		ML20609 x NAC x SEC Fail Secure No Key Override With Deadbolt	Entry With Deadbolt	<ul style="list-style-type: none"> • Fail Secure - Power off, trim outside is locked • Deadlocking latch • Latch and deadbolt retracted by inside lever at all times • Outside lever rigid except when lock is energized • Turnpiece inside extends and retracts deadbolt • Request to exit and secure door position monitor are standard
		ML20608 x NAC x SEC Fail Secure With Key Override With Deadbolt	Entry With Deadbolt	<ul style="list-style-type: none"> • Fail Secure - Power off, trim outside is locked • Deadlocking latch • Latch and deadbolt retracted by inside lever and deadbolt at all times • Outside lever rigid except when lock is energized • Key outside projects or retracts deadbolt and retracts latch • Turnpiece inside extends and retracts deadbolt • Request to exit and secure door position monitor are standard

Trim Designs

ML2000 Series, ML20900 ECL and ML20600 NAC



Newport

- Complies with codes requiring lever to return to within 1/2" (13mm) of door face.
- Brass, bronze or stainless steel
- Laser engraving option
(See Custom Laser Engraving brochure)

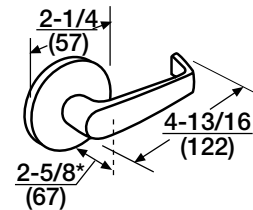


NSA

Lever: Cast
Rose: Wrought

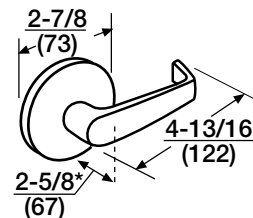
NSB

Lever: Cast
Rose: Cast



NSF

Lever: Cast
Rose: Cast

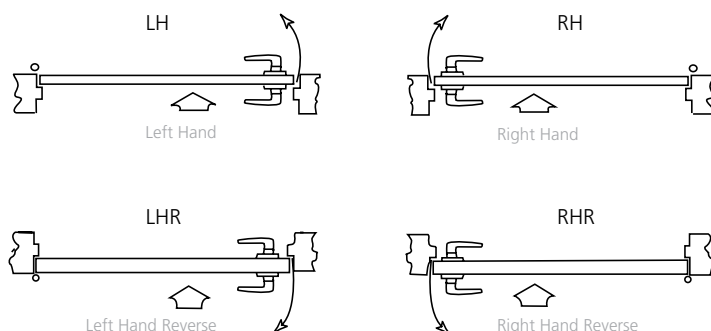


*Dimension from face of door, not surface of rose or escutcheon.

How to Order

ML2000 Series

Ordering Examples - ML2000 Series



Note: Arrow indicates secure side of door.

Where to find ordering information and Quick Codes

ML2000 Series/Function	5-9
ML20900 ECL Series/Function	13
Trim Designs	14-54
Cylinder and Keying	69
Finish	69
Strikes	70
Miscellaneous Options	70
Door Thickness	70
Handing	71

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
100	ML2055	LWA	626	RHR
50	ML2055HS	SST	626	LHR

Split Trim / Finish Order

Quantity	Series/ Function	Trim		Finish		Hand
		Outside	Inside	Outside	Inside	
12	ML2055	LWA	GRC	626	625	RHR
6	ML2055HS	SST	—	626	606	LHR
12	ML2055	ZSL	—	626	625	RHR
24	ML2051	MSG	—	605	625	LH
12	ML2055	102U	—	626	606	RHR
24	ML2051	122R	110R	605	625	LH

Contract / Detailed Order

Quantity	Keyset	Series/ Function	Trim	Finish	Hand	Door Thickness	Optional Strike	Misc. Options	Optional Cylinder	Keying
24	AA1	ML2055	LWA	626	RHR	D214	SA200	M17-M26	C7	VKC3
12	AA1	ML2055HS	SST	626	LHR	D214	SS200	M07	C6	VKC1
6	AA1	ML2055VR	NSV	630	RH	D214	SS114	M17	PCHS	VKC1

Working Trim Only

Quantity	Function Only	Trim	Finish	Hand	Door Thickness	Misc. Options
6	ML2055	LWA	626	RHR	D214	M31
3	ML2055HS	SST	626	LHR	D214	M31
1	ML2055VR	NSV	630	RH	D214	M31

(Includes grip and spindle, rose or escutcheon, thumbturn lever, emergency key plate, adapters and screws)

Quick Codes

ML2000 Series, ML20900 ECL and ML20600 NAC

Cylinder and Keying

Description	Specify
Conventional 6-pin (HS VR)	(standard)
Conventional 7-pin (HS VR)	7P
Less cylinder(s) (HS VR)	LC
IC 6-pin (HS VR)	C6
IC 6-pin with temporary construction core (HS VR)	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin less core (HS VR)	CL6
SFIC 6-pin with SFIC disposable temporary core ¹ (HS VR)	CT6SD
SFIC 6-pin with Less Core ¹ (HS VR)	CLS6
IC 7-pin (HS VR)	C7
IC 7-pin with temporary construction core (HS VR)	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin less core (HS VR)	CL7
SFIC 7-pin with SFIC disposable temporary core ¹ (HS VR)	CT7SD
SFIC 7-pin with Less Core ¹ (HS VR)	CLS7
Security (HS VR)	HS
Security IC (HS VR)	CHS
Access 3 - Patented (HS VR)	AP
Access 3 - Security (HS VR)	AS
Access 3 - High Security (HS VR)	AHS
Access 3 IC - Patented (HS VR)	ACP
Access 3 IC - Security (HS VR)	ACS
Access 3 IC - High Security (HS VR)	ACHS
UL IC 6-Pin Housing Less Core	CL6AH
UL IC 6-Pin Housing with Disposable Core	CTAHD
UL IC 6-Pin Housing with (Red/Blue/Green) Temporary Construction Core	CT6AH(R/B/G)
Pyramid High Security Fixed Core (HS VR)	PHS
Pyramid High Security IC (HS VR)	PCHS
Pyramid IC Less Core (HS VR)	CLP
Pyramid with temporary (HS VR) construction core	CTP
Pyramid Security (HS VR)	PS
Pyramid Security IC (HS VR)	PCS
Pyramid Disposable Core (HS VR)	CTPD
6-Pin Disposable Core (HS VR)	CT6D
7-Pin Disposable Core (HS VR)	CT7D
Master ring ² (HS VR)	MR
Blockout function cylinder (HS VR)	BO
Flex head cylinder, 6-pin (sectional trim)	FX6
Flex head cylinder, 7-pin (sectional trim)	FX7
Flex head cylinder, master ring ² (sectional trim)	FXM
Plug only to show, 6-pin (concealed shell; M and R escutcheons only, single cylinder only)	PO6
Plug only to show, 7-pin (concealed shell; M and R escutcheons only, single cylinder only)	PO7
Plug only, less cylinder	PO-LC

(HS) Indicates cylinder is available with ML2000HS lockset

(VR) Indicates availability with ML200VR lockset

ML2000.76

Description	Specify
Keyed random (HS VR)	KR
Construction master keyed (not available for Pyramid) (HS VR)	CMK
Visual key control (HS VR)	
- No keying data stamped on key or cylinder	VKC0
- Keys only	VKC1
- Cylinders and keys (not for HS, CHS, PHS, PCHS, AS, ACS, AHS, or ACHS)	VKC2
- Cylinders only (not for HS, CHS, PHS, PCHS, AP, ACP, AS, ACS, AHS or ACHS)	VKC3
Concealed key control (CKC) (HS VR)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only (not for HS, CHS, PHS, PCHS, AP, ACP, AS, ACS, AHS or ACHS)	CKC3
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)

1. Not available with ML2029.

2. Not available for ML2017, ML2029, ML2000HS or ML2000VR.

Finishes

ANSI/BHMA 605 (US3)	(HS)	Bright Brass
ANSI/BHMA 606 (US4)	(HS)	Satin Brass
ANSI/BHMA 611 (US9)	(HS)	Bright Bronze
ANSI/BHMA 612 (US10)	(HS)	Satin Bronze
ANSI/BHMA 613 (US10B)	(HS)	Oxidized Bronze, oil rubbed
613E (US10BE)		Dark Oxidized Satin Bronze - Equivalent
613L		Dark Oxidized Satin Bronze, Clear Coated
ANSI/BHMA 618 (US14)		Bright Nickel Plated
ANSI/BHMA 619 (US15)	(HS)	Satin Nickel Plated
ANSI/BHMA 625 (US26)	(HS)	Bright Chromium Plated
ANSI/BHMA 626 (US26D)		Satin Chromium Plated
626C		Satin Chromium Plated with MicroShield®
ANSI/BHMA 629 (US32)	(HS)	Bright Stainless Steel
ANSI/BHMA 630 (US32D)	(HS VR)	Satin Stainless Steel
630C		Satin Stainless Steel with MicroShield®
722		Black Oxidized Bronze, oil rubbed