



# ACCURATE LOCK & HARDWARE

AMERICAN CRAFTED SINCE 1972

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## M9134ELR

MOTOR DRIVE ELECTRIFIED LATCH RETRACTION MORTISE LOCK WITH DEADBOLT



**MOTOR DRIVE ELECTRIFIED  
LATCH RETRACTION  
MORTISE LOCK WITH  
DEADBOLT**

**M9134ELR**

For commercial or residential use, the M9134ELR utilizes low voltage Motor Drive Electrification to retract the latch and deadbolt of the mechanical lock when a credential is presented allowing access without grasping exterior door hardware. Pair with a rigid pull (or flush push plate) on the outside, active trim on the inside.



# M9134ELR Motor Drive Electrified Latch Retraction

## DOOR LOCKED

Door is locked when latch is extended.  
Deadbolt can be thrown for extra security.



## DOOR UNLOCKED

When the hands-free motion detector\* is activated,  
latch and deadbolt (if extended) will retract.\*\*



\*\*For applications requiring the deadbolt not to retract via electronics,  
please add DM Monitor and program access control system accordingly.

**\*Note: Access Control Components by Others.**  
M9134ELR lock is ideal to pair with a low energy power operator (by others).

# M9 134ELR Product Benefits

## OPERATION

- Commercial grade mortise lock provides fail secure locking during power outage.
- Compatible with standard 24VDC power supplies.

## EASY INSTALLATION

- Ideal for use in hollow metal frames with standard mortise prep. (Solid wood door applications achieved by special door preparation.)

## HOLD OPEN SCHEDULES

- Schedule or program the system to be unlocked during certain times of the day via access control system (e.g. party mode).

## APPLICATIONS

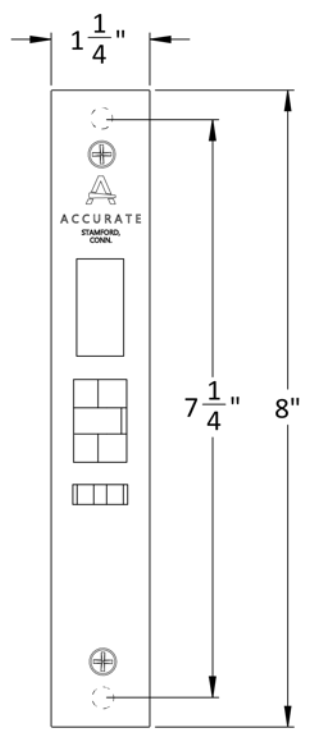
- Provides security against physical attack for individual office suites, residences and a variety of entrances that require enhanced protection.





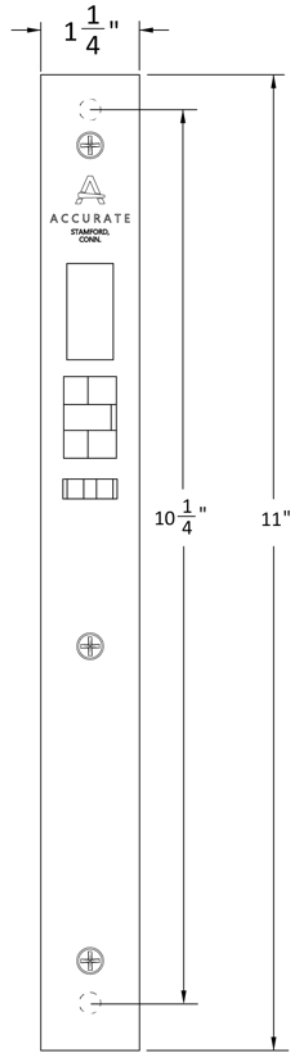
# M9134ELR

## METAL DOOR STANDARD FACEPLATE



**1 3/4" THICK DOOR MINIMUM**

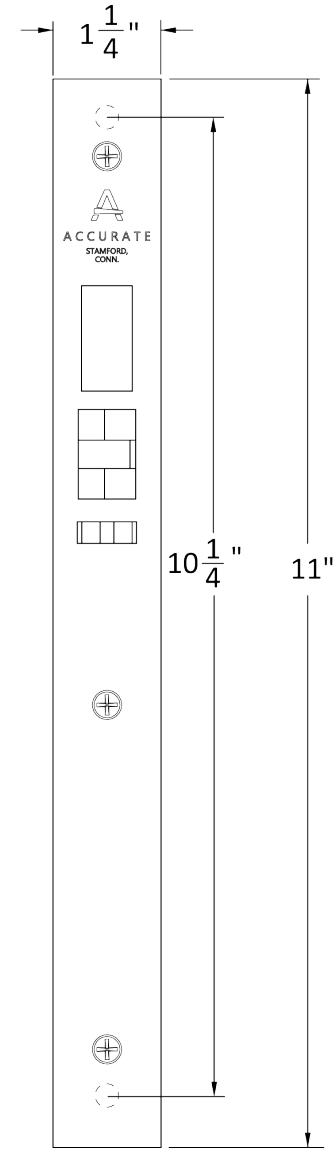
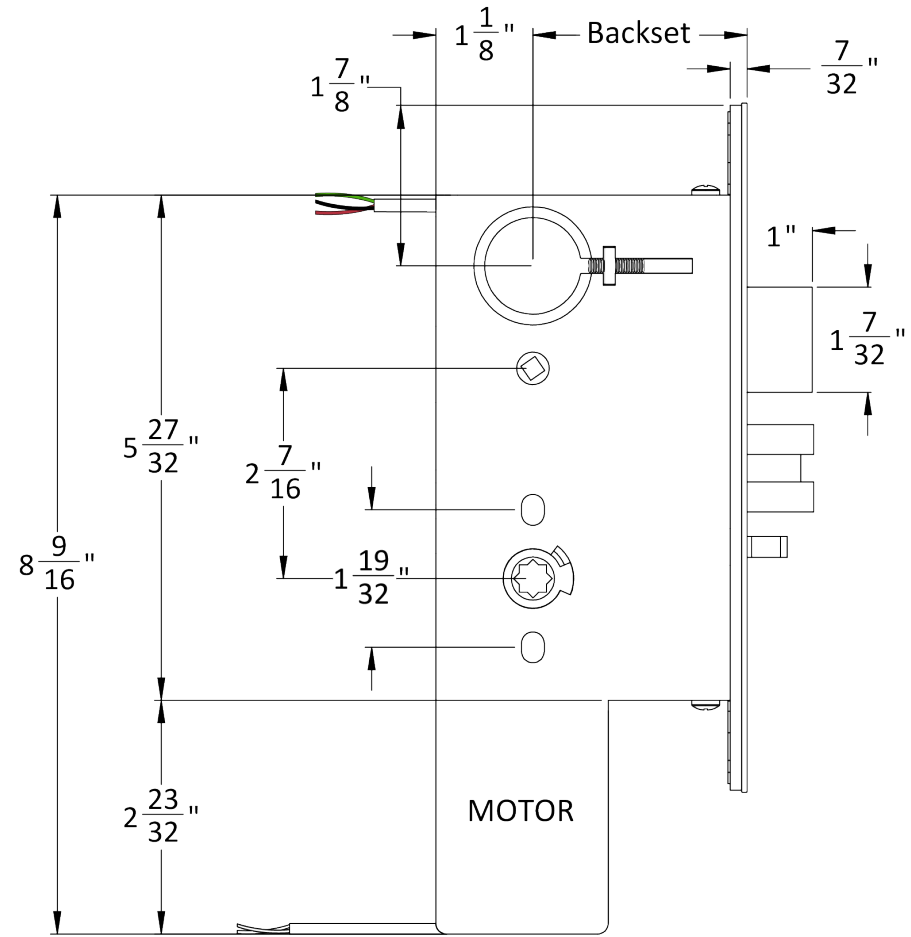
## WOOD DOOR LONG FACEPLATE



**1 3/4" THICK DOOR MINIMUM**



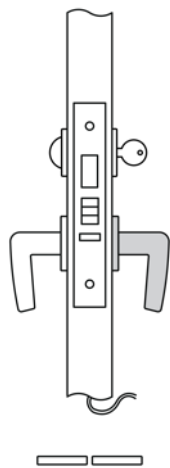
# M9134ELR Dimensions



**1 3/4" THICK DOOR MINIMUM**

Backset 2 1/2" or 2 3/4"  
Larger and custom backsets are available upon request.

# M9134ELR Technical Details



**M9134ELR**

Rotating inside handle or using electronics simultaneously retract latch and deadbolt (when extended).\*

Latch bolt by key outside or using electronics, egress by handle inside.

Deadbolt manually projected by thumb turn inside or key outside.

Outside trim (if applicable) always rigid.

**FAIL SECURE OPERATION ONLY:** Latch retracts when power is applied.

*\*For applications requiring the deadbolt not to retract the latch via electronics, please add DM Monitor and program access accordingly.*

**M9134ELR** for doors  $1\frac{3}{4}$  minimum ( $1\frac{1}{4}$ " armor front)

UL Listed 3 Hour (Mechanics R13846/R27504 and Electronics R10121).

Grade 1 Certified to ANSI/BHMA A156.13.2005 Standard.

**BACKSETS:**  $2\frac{1}{2}$ " ,  $2\frac{3}{4}$ " (larger backsets available upon request).

Key Cylinder (by others) will override electronics to retract latch bolt and deadbolt (if projected).

Outside trim always rigid.

Voltage: 24VDC (21VDC – 30VDC).

Current: 625mA MAX Inrush, 150mA MAX Holding.

Non-polarized Leads.

# Optional Monitoring Functions

## M9134ELR Allowable Monitoring Combinations

Applies to: M9134ELR | All Backsets

Standard and Upside Down (USD) Configurations

AE Authorized Egress Inside Hub When Outside Locked	DM Deadbolt Monitoring	LMR Latch Bolt Monitor Retracted
X	X	X

### AE - AUTHORIZED EGRESS

Also referred to as REQUEST TO EXIT (or REX switch), monitors the use of the INSIDE trim.

#### ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

**Voltage**      **Current**

125 VAC      1 AMP

30 VDC      0.5 AMP

### DM – DEADBOLT MONITOR

Monitors deadbolt position.

#### ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

**Voltage**      **Current**

125 VAC      1 AMP

30 VDC      0.5 AMP

### LMR – LATCH BOLT MONITOR

Dry Contact Non-polarized Leads

#### CONTACTS RATED:

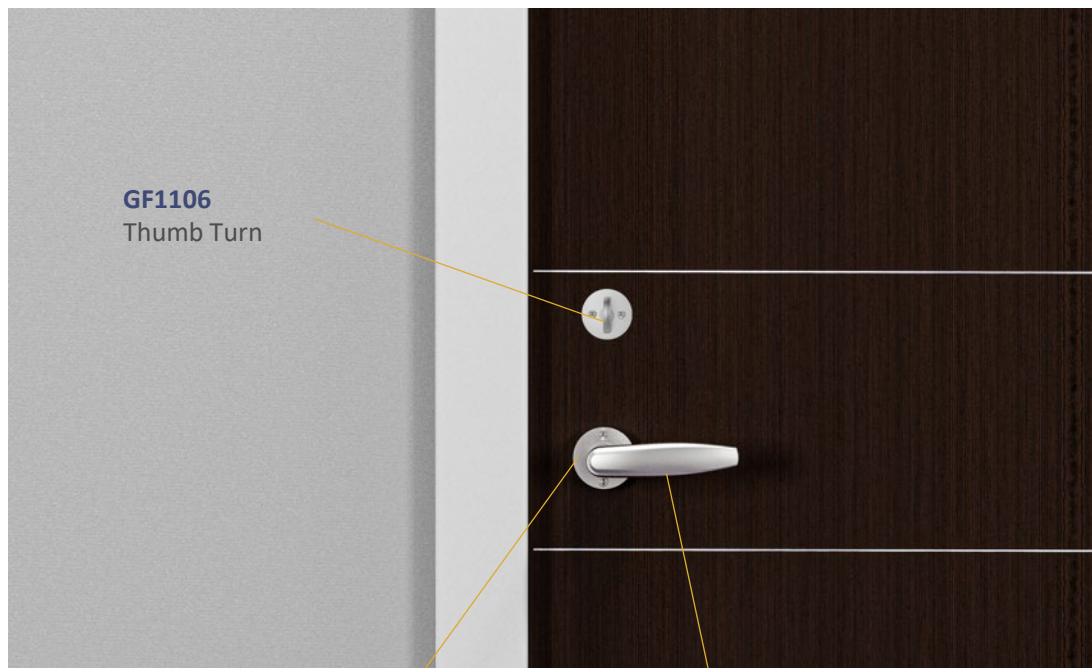
250mA @30VDC

A dry contact closure will occur 0.5 seconds\* after the full retraction of the main latch bolt under power and will remain until power is removed or if the main latch bolt unintentionally extends.

*\*This translates into 1 second after power is applied to retract the latch.*

# M9134ELR Trim Examples

## Inside

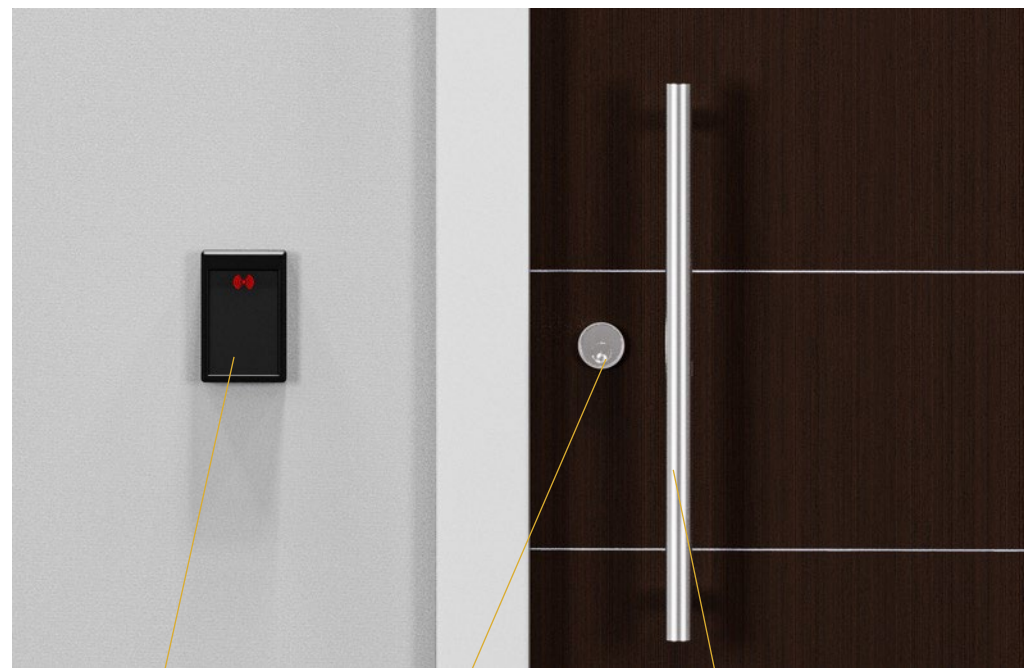


**GF1106**  
Thumb Turn

**1R**  
Rose

**29L**  
Lever

## Outside



**CARD READER**  
By Others

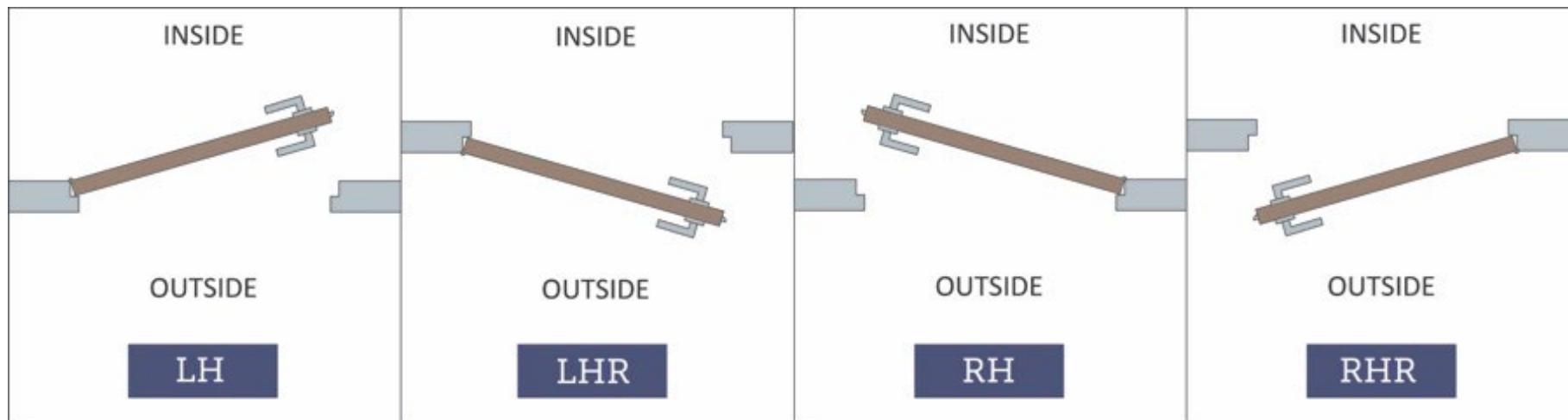
**CYLINDER**  
By Others

**PULL HANDLE**  
Custom, please call for assistance.

• See [Accurate Trim options](#)

# HOW TO SPECIFY

## HANDING



## FINISHES

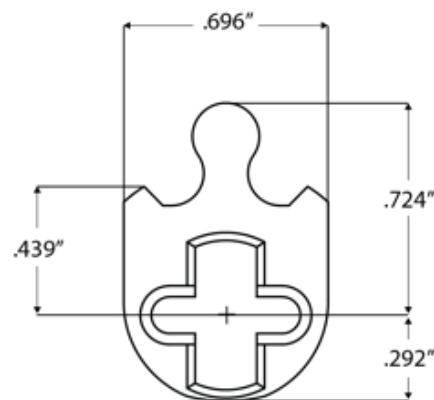
**GROUP 1:** US4, US4NL, US32D\*, US26D

**GROUP 2:** US3, US3NL, US26, US32\*, US9\*, US10\*, US10B, US14, US15, US19

**GROUP 3:** BN, BB, TN, TB, DURO, ESN, US15A, US5

\* Trim options (including Accurate Levers) may not be available in US32D, US32, US9, or US10 finish. Please call for assistance.

To view example of finishes visit: [Accurate Finishes](#).

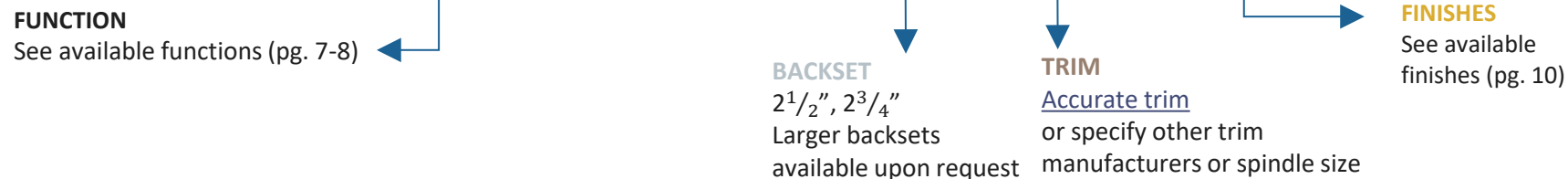


## CYLINDERS & KEYING

M9134ELR locks accept any standard American mortise cylinder. For details on required cams and compatibility with other manufacturers' cylinders, please visit: [Accurate Support](#).

# HOW TO SPECIFY

FUNCTION-MONITOR.BACKSET.TRIM.FINISH.HAND.DOORTHICKNESS.DOORTYPE



## EXAMPLES

Electrified Latch Retraction with Deadbolt | Authorized Egress | Accurate Trim Inside

E.g.: M9134ELR-AE.212.29L/1R.US26D.RH.134.WOOD

Electrified Latch Retraction with Deadbolt | Accurate Trim Inside

E.g.: M9134ELR.234.19L/1R.US4.LH.134.METAL

Electrified Latch Retraction with Deadbolt | Other Manufacturers' Trim

E.g.: M9134ELR.234.8mm.US26D.RH.134.WOOD

**Note: Access Control Components by Others.**

**M9134ELR lock is ideal to pair with a low energy power operator (by others).**

## ACCURATE TRIM

Specify Accurate levers, roses, escutcheons, pulls, etc.

[Click or scan to see trim options.](#)

SCAN HERE



*\*Note: For compatibility with other manufacturers' trim please call for assistance.*

**ACCURATE LOCK & HARDWARE  
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