



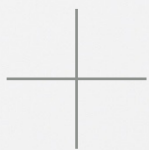
ACCURATE

LOCK & HARDWARE

AMERICAN CRAFTED SINCE 1972

M9143ELR Motor Drive Electrified Latch Retraction Mortise Lock

ACCESSIBLE RESTROOM LOCK



M9143ELR ACCESSIBLE RESTROOM LOCK

For commercial use, the M9143ELR utilizes a wired push paddle paired with motor drive electrified latch retraction to open and close the door behind the user. An ADA thumb turn shunts the push paddle outside, locking the door and allowing for complete privacy. Ideal for bathrooms or any power-operated openings that require accessibility or ADA compliance.

This electrified solution helps maintain privacy while also allowing for ease of access with the integration of a low energy power operator and wired push paddle (by others).

M9143ELR Accessible Restroom Lock

DOOR IS NORMALLY LATCHED



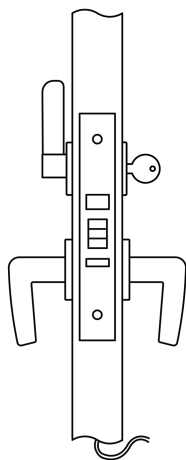
DOOR UNLATCHED WHEN POWER IS APPLIED



Note:

- *Continuous Duty*
- *Access Control Components by Others*
- *M9143ELR lock is ideal to pair with a low energy power operator (by others)*

M9143ELR Technical Details



M9143ELR

Latch bolt by handle either side unless outside handle is locked by thumb turn or key.

Rotating thumb turn locks outside handle and deactivates outside push paddle for privacy.

Thumb turn and key lock or unlock outside handle.

When outside handle is locked, key retracts latch bolt.

Auxiliary latch deadlocks latch bolt.

Outside handle unlocks when inside handle is turned or door closes and reactivates outside push paddle.

Inside handle always free for egress.

Inside wired push paddle always free for egress.

M9143ELR 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).

OPERATION:

FAIL SECURE OPERATION ONLY.

Key Cylinder (by others) will override electronics to retract latch bolt.

Furnished standard with LB Locking Bar Monitor.

Filtered and Regulated Power Supply.

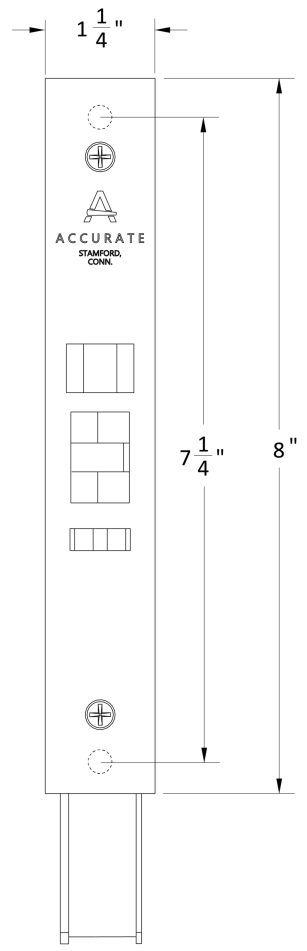
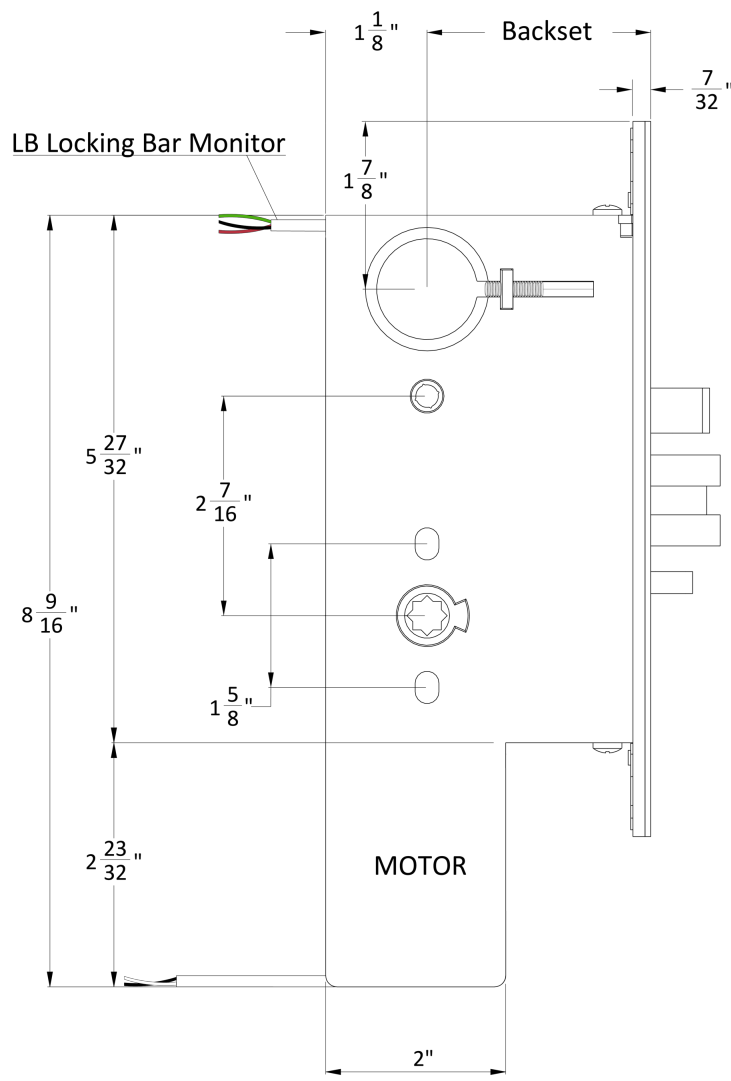
Voltage: 24VDC (21VDC – 30VDC).

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

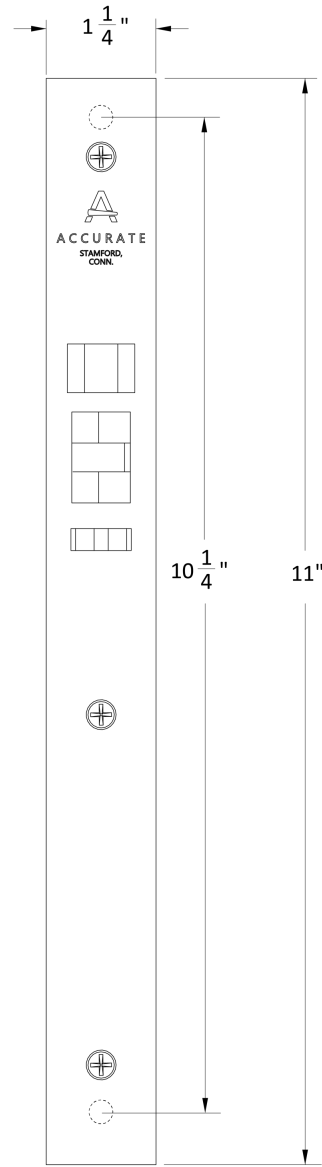
Non-polarized Leads.



M9143ELR Dimensions



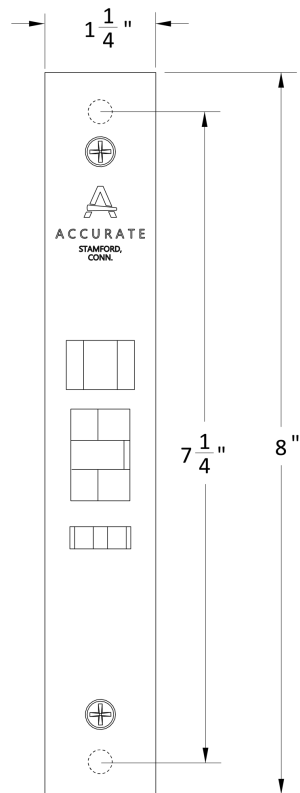
1-3/4" THICK DOOR MINIMUM



Backset $2\frac{1}{2}"$ or $2\frac{3}{4}"$
Larger and custom backsets are available upon request.

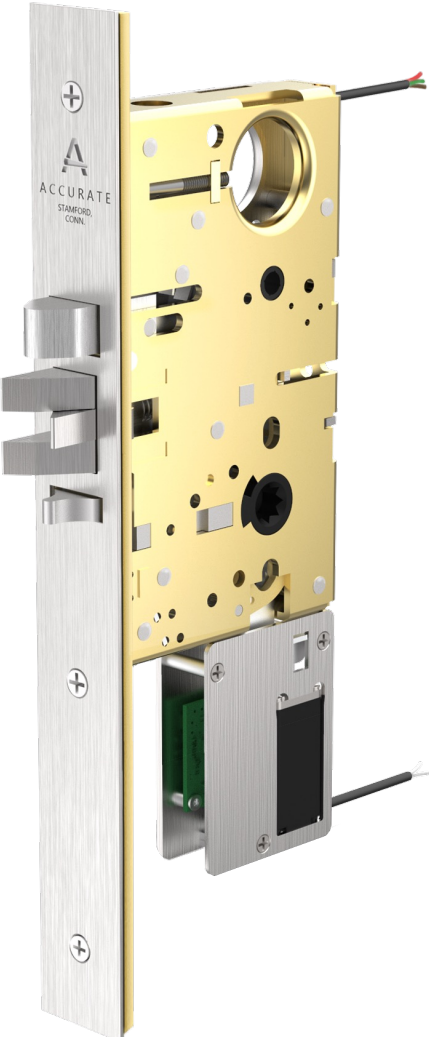
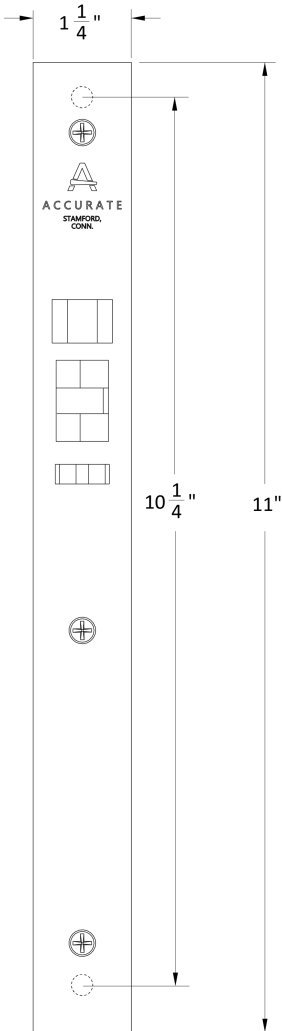
M9143ELR Specifications

METAL DOOR STANDARD FACEPLATE



1-3/4" THICK DOOR MINIMUM

WOOD DOOR LONG FACEPLATE



1-3/4" THICK DOOR MINIMUM

M9143ELR Operation

ENTRY

OPERATION: PERSON WITH A DISABILITY

Person with a disability opens door via wired push paddle (by others):

- Latch bolt is electronically retracted
- Power operator opens door (by others)

Person enters restroom, door closes automatically:

- Person rotates ADA thumb turn to lock outside lever for privacy
- Outside push paddle is deactivated (via LB switch inside lock), door will not open when pressed
- Outside occupancy indicator signals bathroom in use
- Mechanical key override will retract latch

OPERATION: PERSON WITH NO DISABILITY

- Outside lever or key retracts the latch
- Person rotates ADA thumb turn to lock outside lever for privacy

EXIT

OPERATION: PERSON WITH A DISABILITY

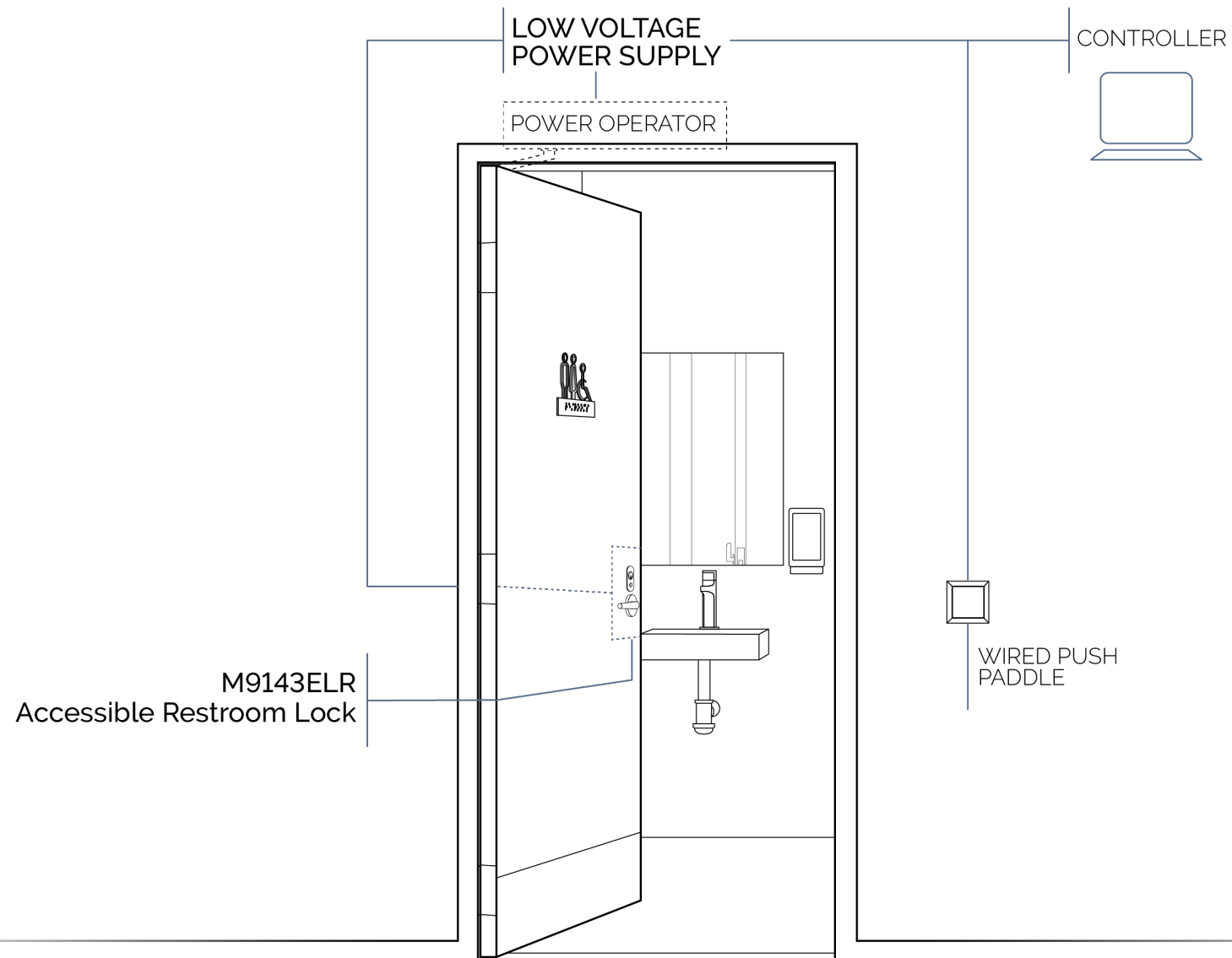
Person with a disability opens door via wired push paddle. They do not need to rotate inside privacy turn back to home position.

- Door opens automatically
- Person exits, door closes automatically
- Outside lever resets to unlocked position upon door closure (via privacy reset button)
- Inside ADA thumb turn rotates back to home position (12 o'clock)
- Outside push paddle is reactivated

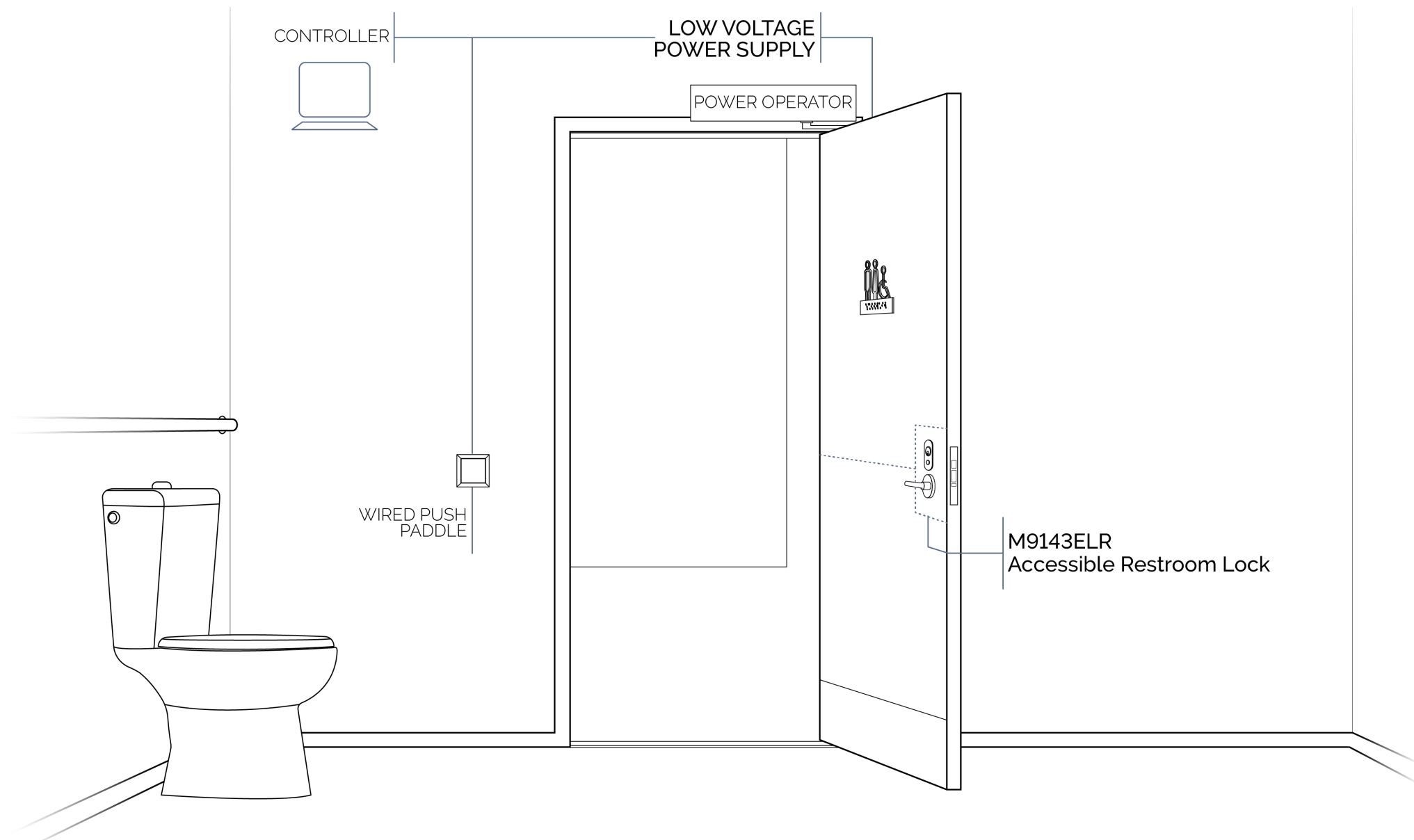
OPERATION: PERSON WITH NO DISABILITY

- Person rotates inside lever for egress (outside lever resets to unlocked position)

M9143ELR Operation - Outside



M9143ELR Operation - Inside



11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

Monitoring Function Matrix

10

M9143ELR Allowable Monitoring Combinations		
Applies to: M9143ELR All Backsets		
Standard and Upside Down (USD) Configurations		
AE Authorized Egress Inside Hub When Outside Locked	LB Locking Bar Monitoring	LMR Latch Bolt Monitor Retracted
X	X	X

11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

LB – LOCKING BAR MONITORING

(Standard on M9143ELR)

Monitors the position of the locking bar.

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	1 AMP
30 VDC	0.5 AMP

AE - AUTHORIZED EGRESS

(Specify M9143ELR-AE)

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

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	1 AMP
30 VDC	0.5 AMP

LMR – LATCH BOLT MONITOR RETRACTED

(Specify M9143ELR-AE)

Dry Contact Non-polarized Leads

CONTACTS RATED:

250mA @30VDC

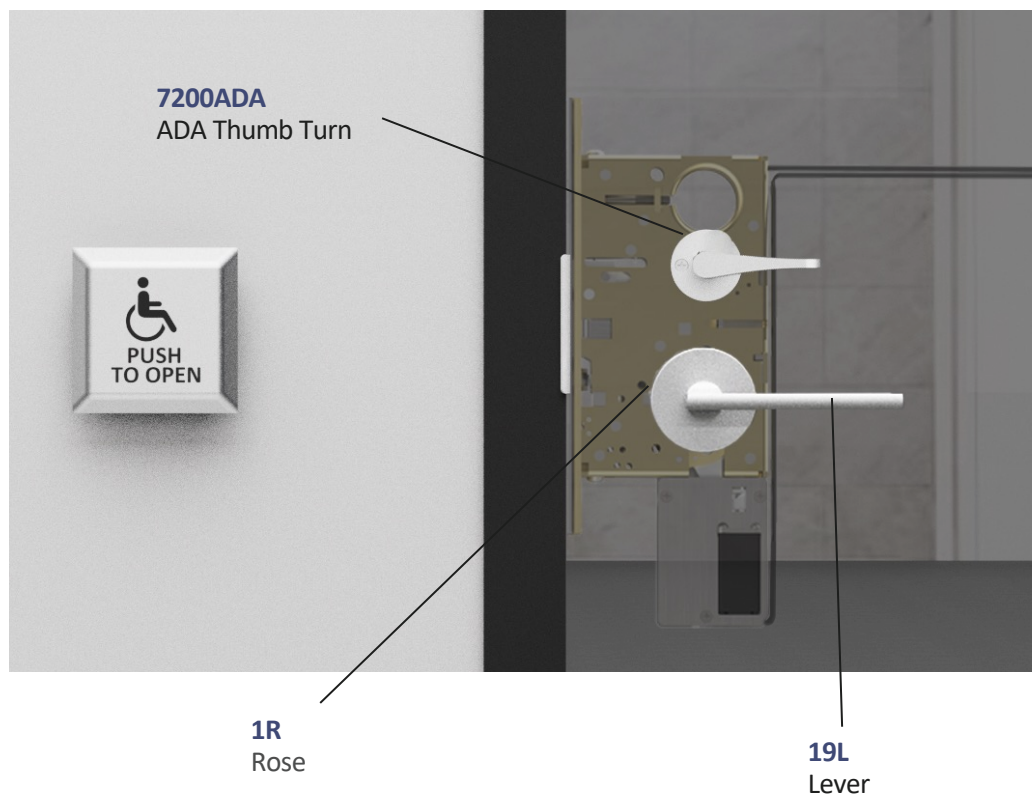
A dry contact closure will occur 0.5 seconds** after the full retraction of the main latch bolt under power and will remain until power is removed or if the main latch bolt unintentionally extends.

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

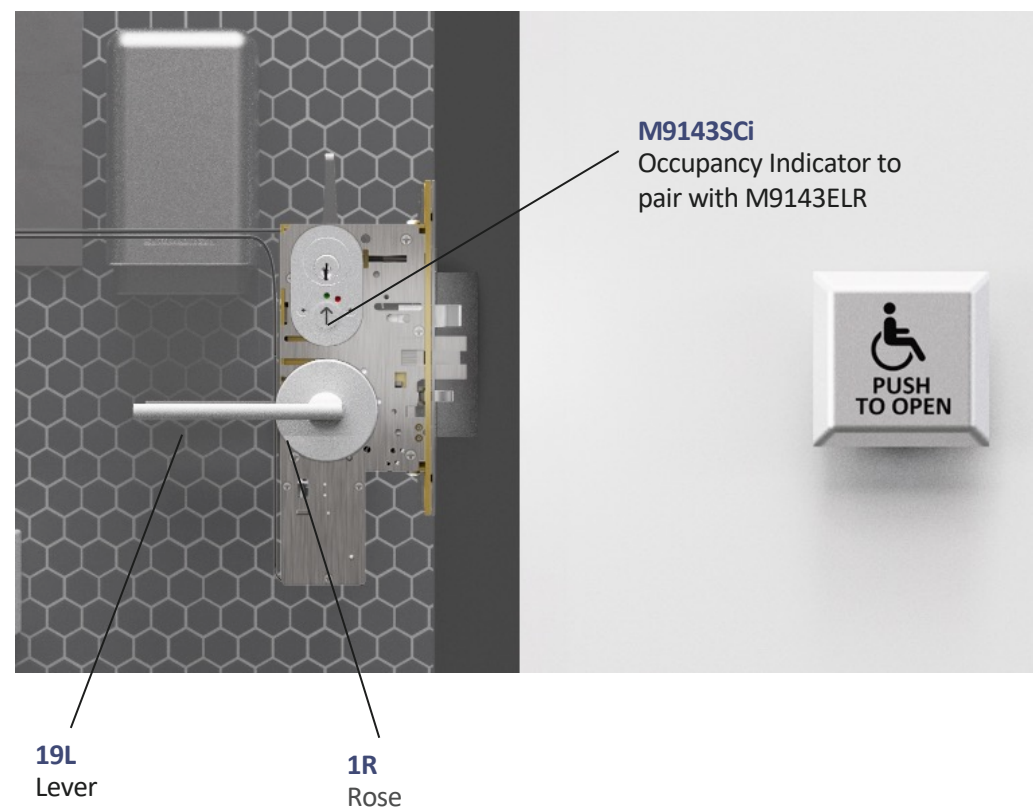
11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

M9143ELR Trim Examples

Inside



Outside

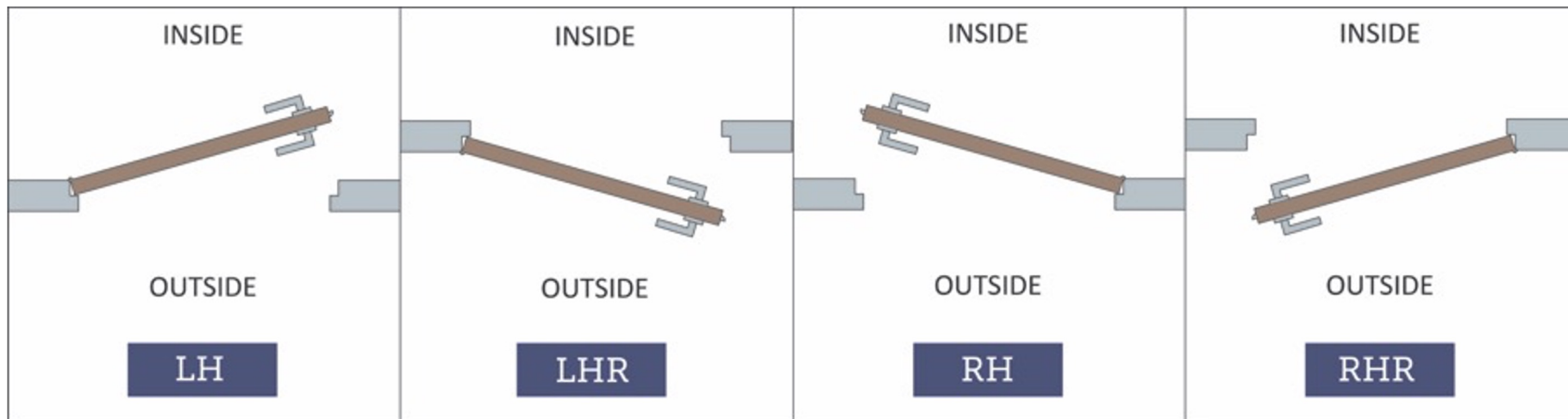


Note:

- Please specify rose/escutcheon and lever style. See [Accurate Trim](#) options.
- M9143ELR furnished standard with 7200ADA and M9143SCi.

HOW TO SPECIFY

HANDING



FINISHES

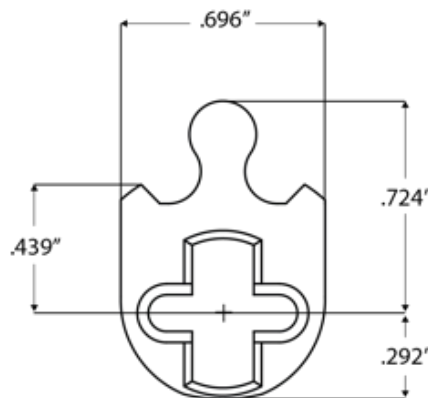
GROUP 1: US4, US4NL, US32D*, US26D

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

M9143ELR 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.BACKSET.TRIM.FINISH.HAND.DOORTHICKNESS.DOOR TYPE

FUNCTION

See details (pg. 4)

Note: M9143ELR comes standard with a LB Locking Bar Monitor.

Specify –AE for optional Authorized Egress or –LMR for Latch Bolt Monitor Retracted.

BACKSET

2¹/₂" , 2³/₄"

Larger backsets available upon request

TRIM

Accurate trim

or specify other trim manufacturers or spindle size

FINISH

See available finishes (pg. 12)

DOOR TYPE

Specify if door is metal or wood (pg. 6)

If door type is not specified, standard metal faceplate will be supplied.

EXAMPLES

Motor Drive Electrified Latch Retraction | Accessible Restroom | Accurate Trim | Wood Door

E.g.: M9143ELR.234.29L/2R.US26D.RH.134.WOOD

Electrified Latch Retraction | Accessible Restroom | Accurate Trim | Metal Door

E.g.: M9143ELR.234.19L/1E.US19.RH.134.METAL

Electrified Latch Retraction | Accessible Restroom with Authorized Egress | Accurate Trim Metal Door

E.g.: M9143ELR-AE.234.19L/1R.US19.RH.134.METAL

Access Control Components by others.

SPECIAL OPTIONS AVAILABLE

- SS-Security Strikes
- Compatible with High Security Mortise Lock (Specify M9143ELR-SEC)
- For compatibility with other manufacturers' trim, please call for assistance

ACCURATE TRIM

- Specify Accurate levers, roses, escutcheons, pulls, etc. [Click or scan to see trim options.](#)

SCAN HERE



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