

Installation Instructions

8200 Series Mortise Locks

SARGENT®
ASSA ABLOY

Motorized Electric Latch Retraction (56-)

These instructions detail the lockbody installation and wiring information for the 56- option.

Consult the following instructions for lock and trim installation information:

- A7772: SARGENT 7800 and 8200 Series Installation Instructions
- A7896: SARGENT 7900 and 8200 Series with Studio Collection Levers Installation Instructions
- A8146: SARGENT 8200 Series with BHW Trim Installation Instructions
- A8131: SARGENT 8200 Series with BHL Trim Installation Instructions
- A8053: SARGENT 8200 Series with Push/Pull Paddle Trim (ALP) Installation Instructions

Tools Required

- #2 and #3 Phillips screwdrivers
- Flat blade screwdriver
- 1/8" Allen wrench

Electrical Specifications

- Voltage: 24 VDC
- Operating Current: 700mA
- Hold Current: 50mA
- RX and/or LX Switches: 24 VDC Max, 1 kΩ resistive minimum, 24mA Max

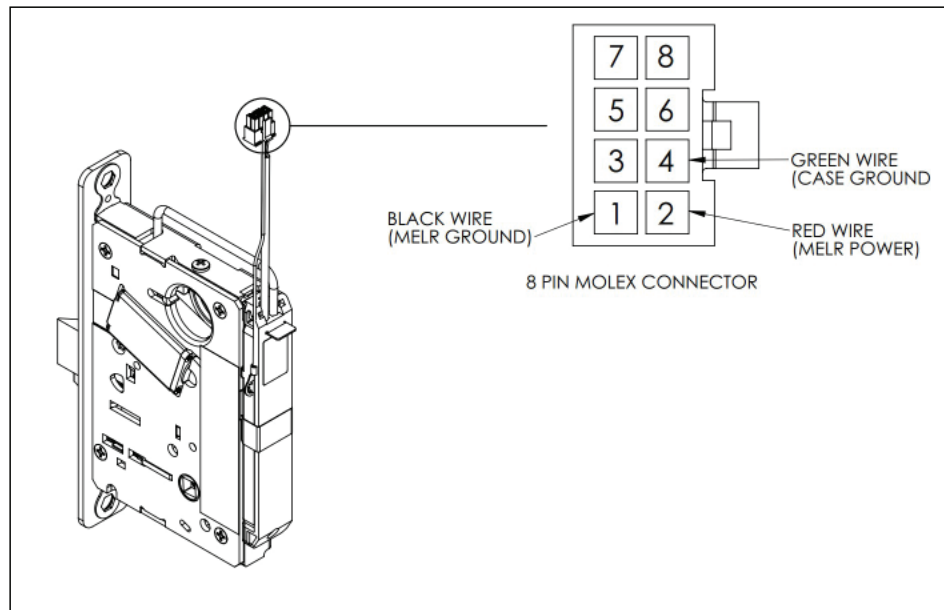
Notes:

- The minimum permissible wire size to be used shall not be less than 26 AWG.
- Shall be powered by a UL294 and ULC-60839 Class 2 Power Limited power supply or Listed Control units.
- Wiring methods shall be in accordance with the National Electrical Code (ANSI/NFPA70), CSA 22.1, Canadian Electrical Code (CEC), Part I, Safety Standard for Electrical Installations, local codes and the authorities having jurisdiction.
- The system shall not be installed unless permitted by the local authority having jurisdiction and shall not interfere with the operation of listed panic hardware.
- ULC-60839-11-1 - Grade 1 and Environmental class: Indoor Use.
- Endurance Level IV, Line Security Level I, Attack Level I, Power Standby Level I.

1. Lock Schematic, Mechanical Functions with 56- Option (MELR)



Check polarity.
Verify + (red) wire.
For assistance, call
800-810-WIRE.



⚠ WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

1-800-810-9473 • www.sargentlock.com

⚠ WARNING

Changes or modifications to this unit, not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

A8385-3 01/26

Copyright © 2024, 2026, SARGENT Manufacturing Company. All rights reserved. Reproduction in whole or in part without the express written permission of SARGENT Manufacturing Company is prohibited.

Experience a safer
and more open world

8200 Series Mortise Locks

Motorized Electric Latch Retraction (56-)

Installation Instructions

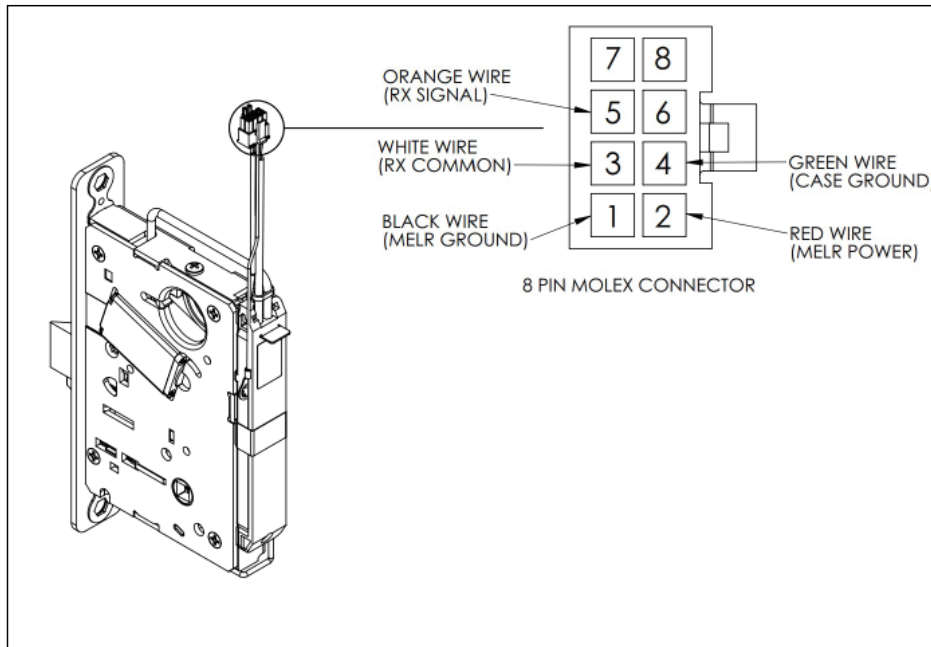
SARGENT®

ASSA ABLOY

2. Lock Schematic, Mechanical Functions with 56- Option (MELR) and RX- Option (Request to Exit)



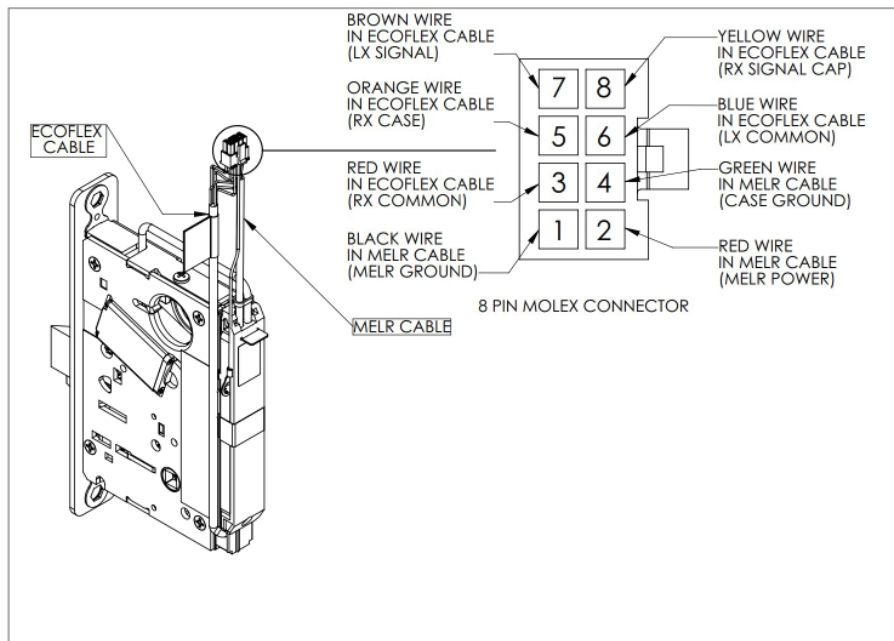
Check polarity. Verify + (red) wire. For assistance, call 800-810-WIRE.



3. Lock Schematic, Mechanical Functions with 56- Option (MELR) RX- Option (Request to Exit), and/or LX- Option (Latchbolt Monitoring)



Check polarity. Verify + (red) wire. For assistance, call 800-810-WIRE.



8200 Series Mortise Locks

Motorized Electric Latch Retraction (56-)

Installation Instructions

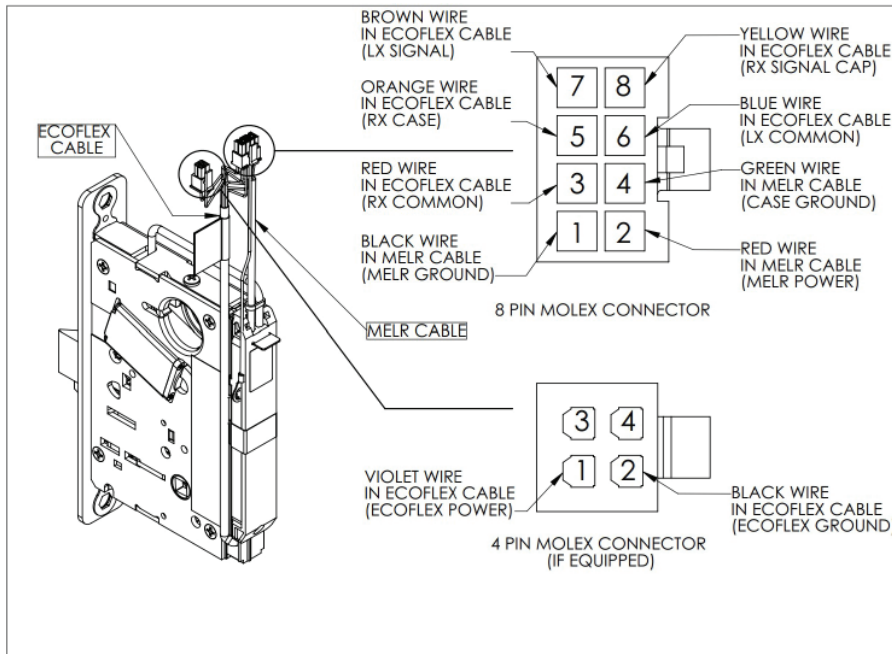
SARGENT®

ASSA ABLOY

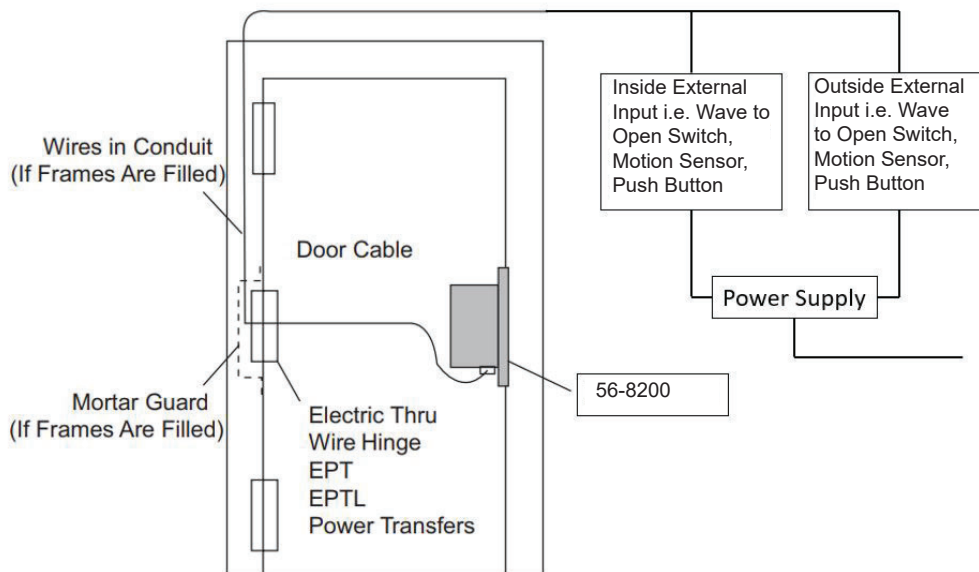
4. Lock Schematic, Electromechanical / EcoFlex® Functions with 56- Option (MELR), RX- Option (Request to Exit) and LX- Option (Latchbolt Monitoring)



Check polarity. Verify + (red) wire. For assistance, call 800-810-WIRE.

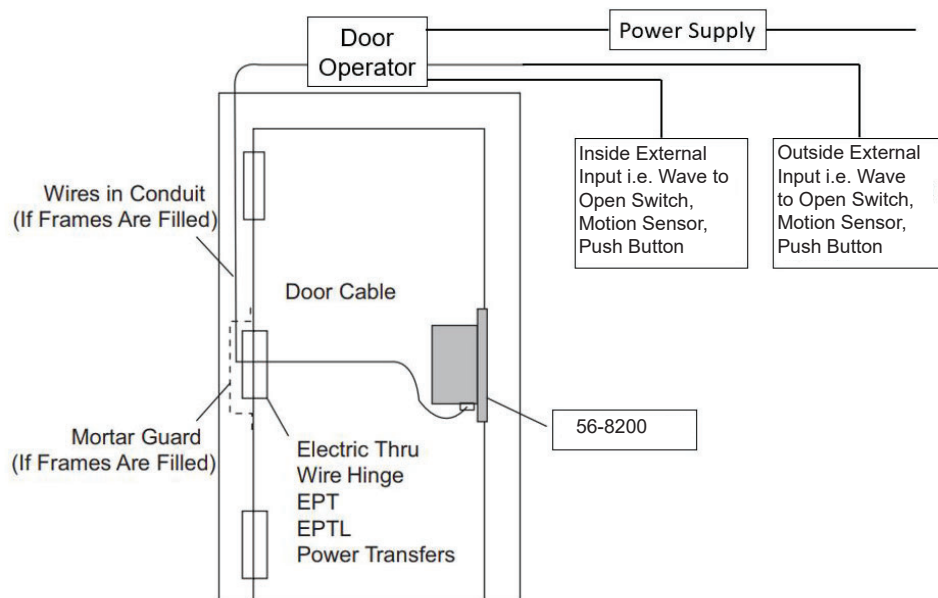


5. Wiring Diagram - Simple Latch Retraction



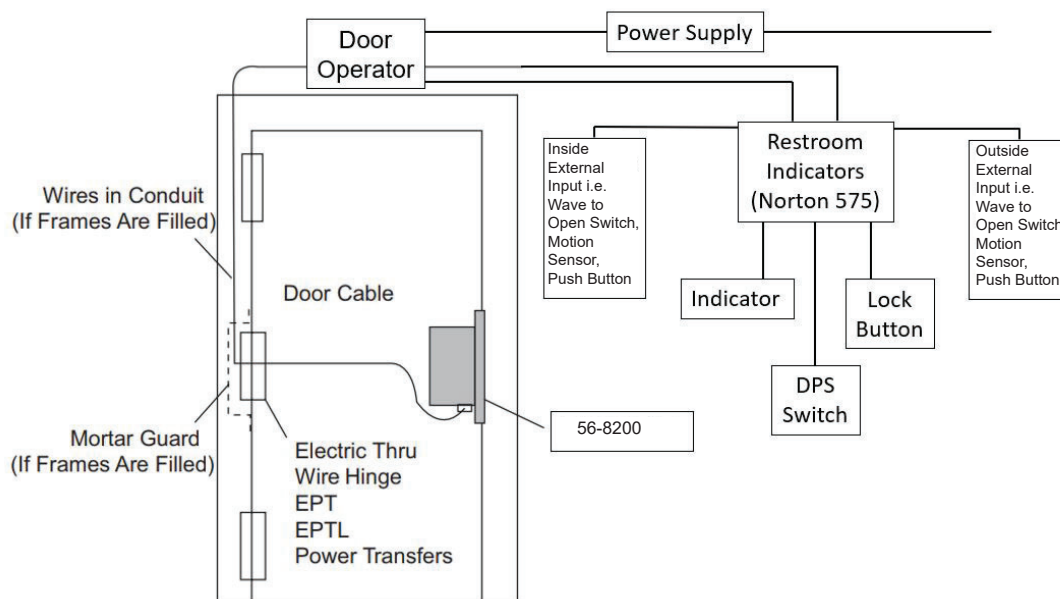
Operation: Activating inside or outside external input will retract latchbolt. Latchbolt remains retracted until power off.

6. Wiring Diagram - Automatic



Operation: Activating inside or outside external input will retract latchbolt and door operator will open the door. Latchbolt remains retracted until power off.

7. Wiring Diagram - Restroom Privacy



Operation: Activating inside or outside external input will retract latchbolt and door operator will open the door, unless outside external input is disabled by lock button. Indicator will illuminate when outside external input is disabled. Latchbolt remains retracted until power off.

SARGENT Manufacturing Company
100 Sargent Drive
New Haven, CT 06511 USA
800-727-5477
www.sargentlock.com

Copyright © 2024, 2026, SARGENT Manufacturing Company. All rights reserved. Reproduction in whole or in part without the express written permission of SARGENT Manufacturing Company is prohibited.

1-800-810-9473 • www.sargentlock.com

A8385-3 01/26

Experience a safer
and more open world