Electrified Latch Pullback Mortise Lock

LPM1 SERIES

- LATCH RETRACTION IN A MORTISE LOCK
- GREAT INTEGRATED SOLUTION FOR DOORS W/ AUTO-OPERATORS
- DIRECT RETROFIT FOR SCHLAGE L SERIES
- DUAL SOLENOID FUNCTIONS OFFER GREATER CONTROL, IDEAL FOR SINGLE OCCUPANCY RESTROOMS
- UL LISTED
- 3 YEAR NO HASSLE WARRANTY

COMMAND ACCESS
TECHNOLOGIES

INNOVATIVE AND AFFORDABLE SOLUTION

The Command Access **LPM1** series mortise lock utilizes a high quality Grade 1 chassis built to withstand years of abuse. This unique model brings latch retraction to a standard mortise lockset. Requiring no special door prep, this is the perfect solution for push-pull conditions, handicap access, and for automatic operators where panic devices are not necessary. The LPM1 takes advantage of out patented PM300 technology, allowing for favourable wire runs and multiple locks on one power supply. It is field handible and available in Fail Secure (EU) functionality. This mortise lock uses standard 'type 86' door prep and can retrofit to Schlage L9000 compatible trim. We offer this model as chassis only or with complete trim.
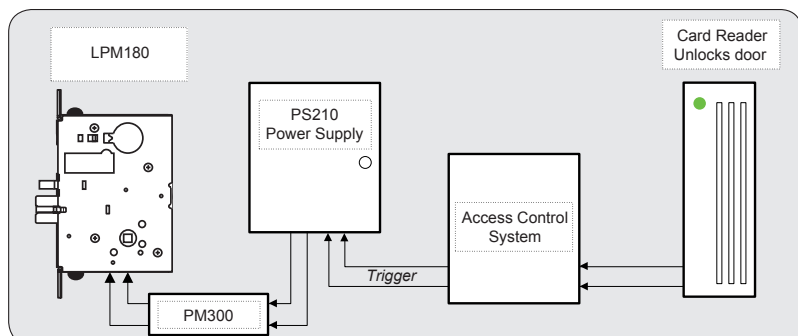
Must be used with a Command Access PS210, PS1, PS2, PS220/220B, PS440B, or PS5-4 power supply.

18 GA + WIRE REQUIRED FOR POWER TRANSFER

CONTROLLED ACCESS APPLICATION

The Command Access LPM180 mortise lock may be utilized in conjunction with any access control application using standard mortise locksets. When activated the LPM180 creates a push/pull that satisfies both in-swinging and out-swinging doors. Inside free egress can be attained by turning the inside lever to manually open the door. Outside access is controlled by the access control system or by physical key override.

LPM180

Card Reader Unlocks door

PS210 Power Supply

Access Control System

Trigger

PM300

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LPM110EU
Passage

Latchbolt Control: Latchbolt retracted by lever outside or by lever inside. Applied power electronically (**EU**) retracts latchbolt for push/pull operation.

Lever Control: Outside Lever & Inside Lever
Always free ingress & egress

LPM180EU
Storeroom

Latchbolt Control: Latchbolt retracted by key outside or by lever inside. Applied power electronically (**EU**) retracts latchbolt for push/pull operation.

Lever Control: Outside Lever
Always Rigid (Locked)
Inside Lever
Always free egress

LPM182EU
Institutional

Latchbolt Control: Latchbolt retracted by key outside or inside (Double Cylinder operation). Applied power electronically (**EU**) retracts latchbolt for push/pull operation.

Lever Control: Outside Lever & Inside Lever
Always Rigid (Locked)

LPM183EUxEL
LPM184EUxEU
Storeroom x Storeroom

Latchbolt Control: Latchbolt retracted by key outside or by inside lever. Applied power electronically (**EU**) retracts latchbolt for push/pull operation.

X

Lever Control: Outside Lever
EL - locked electronically: Applied power prohibits Outside lever from retracting latchbolt.
EU - unlocked electronically: Applied power allows Outside lever to retract latchbolt.
Inside Lever
Always free egress.

LPM185EUxEL
LPM186EUxEU
Institutional x Storeroom

Latchbolt Control: Latchbolt retracted by key outside or inside (Double Cylinder operation). Applied power electronically (**EU** only) retracts latchbolt for push/pull operation.

X

Lever Control: Outside Lever
Always Clutching (Does not activate outside lever at anytime)
Inside Lever
EL - locked electronically: Applied power prohibits Inside lever from retracting latchbolt.
EU - unlocked electronically: Applied power allows Inside lever to retract latchbolt.

LPM187EUxEL
LPM188EUxEU
Institutional x Institutional

Latchbolt Control: Latchbolt retracted by key outside or inside (Double Cylinder operation). Applied power electronically (**EU** only) retracts latchbolt for push/pull operation.

X

Lever Control: Outside Lever & Inside Lever
EL - locked electronically: Applied power prohibits both levers from retracting latchbolt.
EU - unlocked electronically: Applied power allows both levers to retract latchbolt.
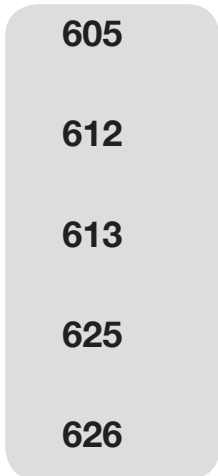
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Trims Available

L

L_B

ESC

Levers Available

3

6

7

17

Finishes Available

605

612

613

625

626

Sample

L3 605

L7B 613

ESC17 626

Trim Dimensions
L = 2-7/16"
LB= 2-3/4"
ESC= 1-3/4" x 8"

Note: Less OS or IS trim available upon request

All configurations not available . Call for availability

SPECIFICATIONS

FEATURES:

- No special lock prep required – fits standard mortise pocket prepped for a Schlage "L" series lock
- Utilizes our patented PM/PWM technology
- Circuitry allow for momentary or continuously on "push/pull" applications
- Available is complete locksets or in chassis only (retrofits to Schlage "L" series compatible trim)
- **Must be used with a Command Access PS210,PS1, PS220/220B/ PS440B, or PS5-4 power supply**
- No hassle 3-Year Warranty

LATCHBOLT SOLENOID SPECIFICATIONS:

- Operating Voltage – 24 VDC (+/- 10%)
- Holding Current Amperage - 260mA@24VDC
- Surge Current Amperage - 1.9A for 350ms@24VDC
- Peak Current - 7 A @ 24VDC
- Solenoid coil resistance – 1.75 Ω
- Wire gauge: Minimum 18 gauge
- 300' with 18ga wire

LEVER SOLENOID SPECIFICATIONS:

- Operating Voltage – 24VAC/DC (+/- 10%)
- Amperage - 24v = 350mA
- Solenoid coil resistance – 24v = 69Ω

OPTIONS:

- REX - Request to Exit switch available
- LBM- Latchbolt Monitor switch available

Model No.	Notes:		
Customer:	Job No./Name:	Date:	Provided by: