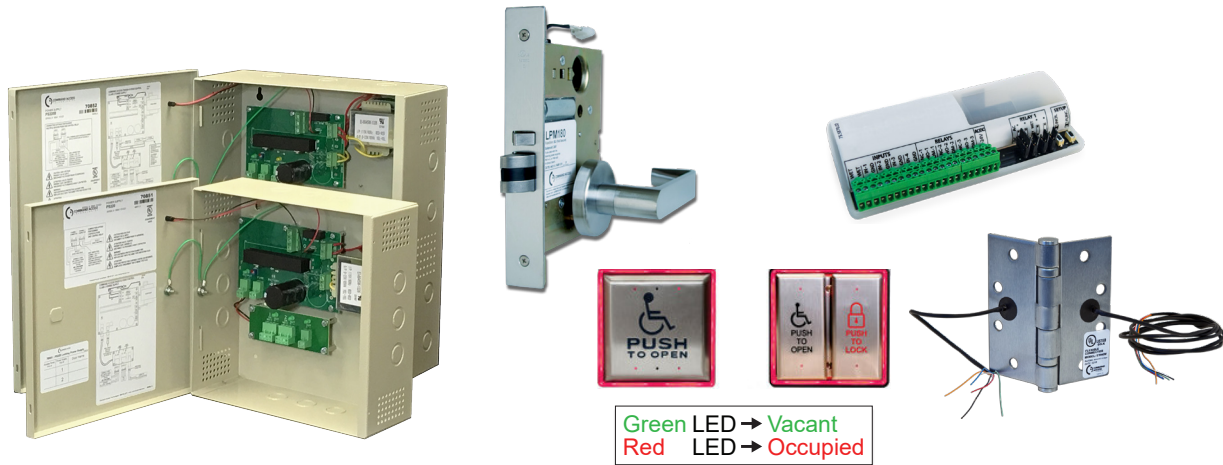


# Universal Bathroom Privacy Kit



- Utilizes the Only Latch Pullback x Lever Control in a ML Lock
- Includes Access Controls Needed to Add Privacy Function to Single Occupancy Restroom
- Maintains ADA Accessibility
- Includes Wire Diagram
- 2 Packages:
  - Kit 1 Includes Everything + Add Your Operator of Choice.
  - Kit 2 Includes Everything Above + A High Quality Low Energy Operator.



**INCLUDED IN KIT 2**  
Optional Low Energy Operator



**ADD ON EMERGENCY KIT**

# SPECIFICATIONS

## LPM183/184 Mortise Lock

- Latch retraction in a mortise lock
- 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
- UL listed

Latchbolt Control	Latchbolt retracted by key outside or by inside lever. Applied power electronically (EU) retracts latchbolt for push/pull operation.
Lever Control	<p>Outside Lever</p> <p>EL - locked electronically: Applied power prohibits Outside lever from retracting latchbolt.</p> <p>EU - unlocked electronically: Applied power allows Outside lever to retract latchbolt.</p> <p>Inside Lever</p> <p>Always free egress.</p>
Latchbolt Solenoid Specifications	<p>Operating Voltage – 24 VDC (+/- 10%)</p> <p>Holding Current Amperage - 260mA@24VDC</p> <p>Surge Current Amperage - 1.9A for 350ms@24VDC</p> <p>Peak Current - 7 A @ 24VDC</p> <p>Solenoid coil resistance – 1.75 Ω</p> <p>Wire gauge: Minimum 18 gauge</p> <p>300' with 18ga wire</p>
Lever Solenoid Specifications	<p>Operating Voltage – 24VAC/DC (+/- 10%)</p> <p>Amperage - 24v = 350mA</p> <p>Solenoid coil resistance – 24v = 69Ω</p>

## PS220/220B Power Supply

- Built to run up to 2 locks, exit trim & LP motor / solenoid kits
- Robust solid-state outputs - Protects system relays
- Interruption free battery back-up
- Built to last in the USA
- UL listed

Input Voltage	120 VAC, 60 Hz, Input Fuse: 2 Amp Fuse @ 250VAC
Output Voltage	2A @ 24VDC 2 Solid State I/O's - 1 A auto resetting fused outputs Power tap: .5A @ 24VDC Over-voltage protection Output Voltage trim pot
Battery Backup	Regulated, independent battery charging Automatic uninterrupted backup circuit Battery cables included Requires (2) 12VDC 7AH batteries Batteries not included
Mechanical Details	Enclosure dimensions: PS220 (11" W x 11" H x 4" D). PS220B (13" W x 15.5" H x 5" D). 1/2" & 3/4" knockouts on all sides Hinge-less removable cover; Cam lock not provided PS220B accommodates (2) 12VDC 7 aH batteries Product Weight: PS220 - 10lbs; PS220B - 14 lbs Shipment Weight: PS220 - 11lbs; PS220B - 15 lbs
Electrical	Temperature range: 0 to 49° C; 32 to 120° F Maximum humidity: 85%
Fire Alarm	Fire alarm link

## ETH6WH Hinge

- Easy installation
- 4' lead at no additional charge
- Non-conductive wire access cap
- UL-F listed
- 3 Year No Hassle Warranty

### Latch Retraction

Wire Quantity	Wire Gauge	Continuous Amps @24VDC	Surge/Pair (.5 Sec) Amps @24VDC
2	18	5.0	16.0
2-4	26	1.0	N/A

## LED Buttons

- High efficiency LED technology
- LEDs: Green = Vacant. Red = Occupied.
- Improves switch visibility, even in daylight
- Flame and impact resistant polycarbonate construction
- Selectable 12/24V AC/DC

Voltage	12 or 24V AC/DC
Current Draw	CM-54i/CM-55I: 130mA
Lumia	Red: 5760 MCD Green: 3780 MCD
Contact Type	1 SPDT Form 'C'
Contact Rating	3 A @ 30 VDC
Dimensions	Surface Mount: 5-1/4" x 5-1/4" x 2-1/8" (133mm x 133mm x 54mm) Flush Mount: 6-1/2" x 6-1/2" x 2" (165mm x 165mm x 51mm)

## DS1X Auxiliary Board

Supply Voltage	12-24 VAC/VDC $\pm$ 10%
Power Consumption	30-130 mA; DRY Output
Temperature Range*	-15-150° F
Dimensions	5 1/5" (W) x 1" (H) x 2 1/5" (D)
Relay Hold Time	Up to 60 seconds per relay
Delay Between Relays	Up to 60 seconds per relay with 1/4, 1/2 and 3/4 second options
Housing Material	ABS Plastic
Input Specifications	
Inputs 1, 2, 3, 4	DRY contact
WET Input	5-24 VAC / VDC $\pm$ 10%
Contact Rating	
Relay 1 (DRY)	3 A @ 24 VAC / 30 VDC
Relay 1 (WET)	1A
Relay 2	3A @ 24 VAC / 30 VDC
Relay 3	1A @ 24 VAC / 30 VDC

\*If powered by AC voltage and using WET output to convert to DC voltage and current draw of device is greater than 0.9 A, the upper temperature range is 130° F

## Low Energy Operator

- Header Profile: 6 1/2" x 4 1/2"
- Motor: 1/8 HP
- Header Finish: clear or dark bronze extruded aluminum
- Push Reveal: 0" to 14"
- Pull Reveal: 0" to 4"
- Total Weight with 39" Header: 45 lbs
- Handed: Specify left/right, push or pull








Drive Train Gear Box	Cast Aluminum-Closed Gearbox
Single and Dual Digital Control Box	Single HA-8 w/Data, 24 VDC, 3A
Operating Voltage (Standard)	115 VAC
Magnetic Limit Switches	Yes
Gear Grease	High Wear Protection
Motor	1/8th HP
Opening/Closing Force	Adjustable 5 to 30 lbs.
Arm Connection	1" Solid Spline Spindle
Adjustable Stop	Yes
Operator Switch	On-Off-Hold Open
Adjustable Spring Tension	Yes
Mechanical Clutch	Standard
Header Finish (Standard)	Clear, Dark Bronze, Extruded Aluminum
Header Finish (Optional)	Paint, Special Anodized Colors, Clad
Push or Pull Application	Yes
Easy Manual Operation	Yes
XP Spring	Optional
Surface Mounting	Yes
Concealed Mounting	Center Pivot, Hinge, or Offset Pivots
Bottom Loading	Optional
Push Reveal	0" to 14"
Pull Reveal	0" to 14"
Special Push & Pull Reveals	Call Manufacturer
Push & Go	Optional
Electric Strike Output Power	24 VDC
Fire Door Compatibility	UL10C Approved
Circuit Protection	3 A Fuse
Total Weight w/ 39" Header	45 lbs.
Meets ANSI 156.19	Yes

# How to Order

PART #	EASY ORDER #	DESCRIPTION
UBPK1-FM-EUxEL	72564	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons.
UBPK1-FM-EUxEU	72565	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons.
UBPK1-SM-EUxEL	72566	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons.
UBPK1-SM-EUxEU	72567	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons.
UBPK2-FM-EUxEL-ALUM PULL	72568	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Aluminum Pull Operator.
UBPK2-FM-EUxEU-ALUM PULL	72569	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Aluminum Pull Operator.
UBPK2-SM-EUxEL-ALUM PULL	72570	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Aluminum Pull Operator.
UBPK2-SM-EUxEU-ALUM PULL	72571	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Aluminum Pull Operator.
UBPK2-FM-EUxEL-DURO PULL	72572	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Dark Bronze Pull Operator.
UBPK2-FM-EUxEU-DURO PULL	72573	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Dark Bronze Pull Operator.
UBPK2-SM-EUxEL-DURO PULL	72574	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Dark Bronze Pull Operator.
UBPK2-SM-EUxEU-DURO PULL	72575	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Dark Bronze Pull Operator.
UBPK2-FM-EUxEL-ALUM PUSH	72595	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Aluminum Push Operator.
UBPK2-FM-EUxEU-ALUM PUSH	72596	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Aluminum Push Operator.
UBPK2-SM-EUxEL-ALUM PUSH	72597	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Aluminum Push Operator.
UBPK2-SM-EUxEU-ALUM PUSH	72598	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Aluminum Push Operator.
UBPK2-FM-EUxEL-DURO-PUSH	72599	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Dark Bronze Push Operator.
UBPK2-FM-EUxEU-DURO-PUSH	72600	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Flush mounted push buttons, Low Energy Dark Bronze Push Operator.
UBPK2-SM-EUxEL-DURO-PUSH	72601	Includes: PS220B, LPM183 w/ DPS switch Complete Lock (latch retraction EU x lever control EL), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Dark Bronze Push Operator.
UBPK2-SM-EUxEU-DURO-PUSH	72602	Includes: PS220B, LPM184 w/ DPS switch Complete Lock (latch retraction EU x lever control EU), ETH6WH Power Transfer Hinge, Logic Module, Illuminated Outside/Inside (Push to Open & Push to Lock) Surface mounted push buttons, Low Energy Dark Bronze Push Operator.
EME KIT	72474	Add on Emergency Annunciator Kit for UBPK

# How to Order

## LPM - Trim Options

TRIM	LEVERS	FINISHES	DIMENSIONS
L 	3 	605	<b>Diameter</b> <b>L = 2-7/16"</b> <b>LB= 2-3/4"</b> <b>ESC= 1-3/4" x 8"</b>  <b>Example:</b> <b>UBPK1-FM-EUxEL L6B 626</b>
L_B 	6 	612	
	7 	613	
ESC 	17 	625	
		626	

## ETH - Energy Transfer Hinge Options

WIRES	SIZE/HANDING
6WH - (2/18ga+4/28ga)	4.0 x 4.0 (SQ or RC)    5.0 x 5.0 4.5 x 4.0 (SQ or RC)    4.5 x 6.0 (WT) 4.5 x 4.5                    5.0 x 6.0 (WT) 5.0 x 4.0                    LH - Left Hand 5.0 x 4.5                    RH - Right Hand
FINISHES (STEEL BASE METAL)	STYLES
600/P - Prime Coat 605-632/3 - Bright Brass 606-633/4 - Satin Brass 609-638/5 - Satin Brass Antique 611-637/9 - Bright Bronze 612-639/10 - Satin Bronze 641/10A - Antique Bronze Laq. 613-640/10B - Anti. Bronze Oil 619-646/15 - Satin Nickel 625-651/26 - Bright Chrome 626-652/26D - Satin Chrome 693/L1 - Black	3SW - 3 Knuckle Standard Weight 3HW - 3 Knuckle Heavy Weight 5SW - 5 Knuckle Standard Weight 5HW - 5 Knuckle Heavy Weight CATPIVOT - 3/4" Offset Pivot 5SWSC - CAT Swingclear Standard weight (specify straight or bevelled)

### Example

TYPE	WIRE	SIZE	FINISH	STYLE						
ETH	+	6WH	+	4.5 x 4.5	+	693/L1	+	3HW	=	<b>ETH6WH4545-693L1 3HW</b>



**ALWAYS HERE TO HELP**



# HOW TO ORDER

## UNIVERSAL BATHROOM PRIVACY KIT

### EXAMPLE ORDER

[ **UBPK1** **SM** **EUxEL** **L6x626** **ETH6WH** **4.5x4.0** **626** **5SW** **PUSH** **ALUM** ]

#### PACKAGE

UBPK1  
UBPK2

#### ACTUATOR / BUTTONS

Surface Mounted\*  
Flush Mounted\*

\*Add TL for Touchless

#### LOCK LPM

EUxEL (LPM183)  
EUxEU (LPM184)

#### LOCK TRIM

L (Rosette)  
L\_B (Rosette)  
ESC (Escutcheon)

#### LOCK LEVER STYLE

3 - Tubular Lever  
6 - Bent Lever  
7 - Curved Lever\*  
17 - Curved Lever

\* No return

#### LOCK FINISH

605\*  
612\*  
613  
623  
626

\* Call to confirm availability

#### OPERATOR

PUSH  
PULL  
ALUM (ALUMINIUM)  
DURO (DARK BRONZE)

#### HINGE - STYLES

5SW (5 Knuckle Standard Weight)  
3SW (3 Knuckle Standard Weight)

#### HINGE - FINISH

605  
606  
613  
625  
626  
630

#### HINGE - ETH6WH

4.5 x 4.0  
4.5 x 4.5  
5.0 x 4.5