

# SLIDING DOOR Electrified Locks



**PD97PT**

**PD97ATL**

**PD97ES**

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# PD97PT

## Electrified Mortise Locks with Power Transfer for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

Description	Part Number	Standard Finish Options
Electrified Mortise Lock with Power Transfer	<b>PD97PT</b>	32D Satin Stainless Steel 32 Bright Stainless Steel 4 Satin Brass

For additional finish options not listed, contact Sales Department for MOQ and lead times

### FEATURES

- Motor-driven electrified mortise lock supports touchless locking and unlocking compatibility
- Power transfer occurs on contact between the strike and lock, allowing for streamlined installation and eliminating cross-drilling through the door
- Compatible with access control relays and control units



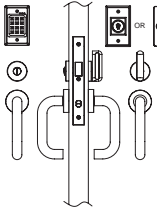
### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

# PD97PT

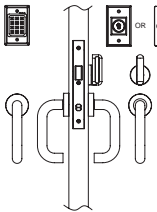
## Functions

PD97PT functions are **Fail Neutral**: During loss of power, if deadbolt is in locked position, lock will remain mechanically secure; if deadbolt is in unlocked position, door will remain unlocked



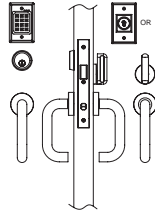
### Privacy: PD97PT40

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Thumbturn inside throws/retracts deadbolt to lock/unlock door
- Outside emergency coin release unlocks outside lever, then outside lever retracts bolt
- Inside lever always unlocks deadbolt for emergency egress



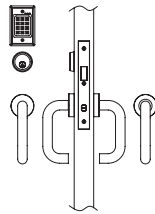
### Patio/Exit: PD97PT60

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Thumbturn inside throws/retracts deadbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside lever always unlocks deadbolt for emergency egress



### Entry / Office: PD97PT50

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Insert and turn key from outside to throw/retract deadbolt to lock/unlock door
- Thumbturn inside throws/retracts deadbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside lever always unlocks deadbolt for emergency egress
- Optional access control relay device provide authentication or triggering for power transfer to lock

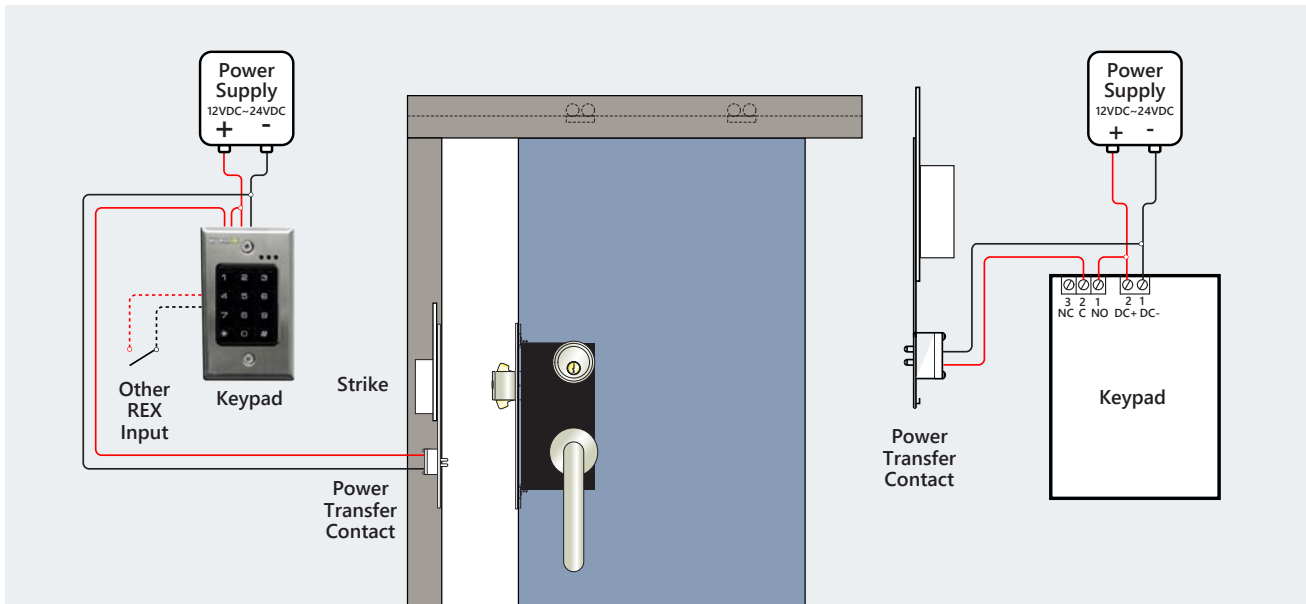
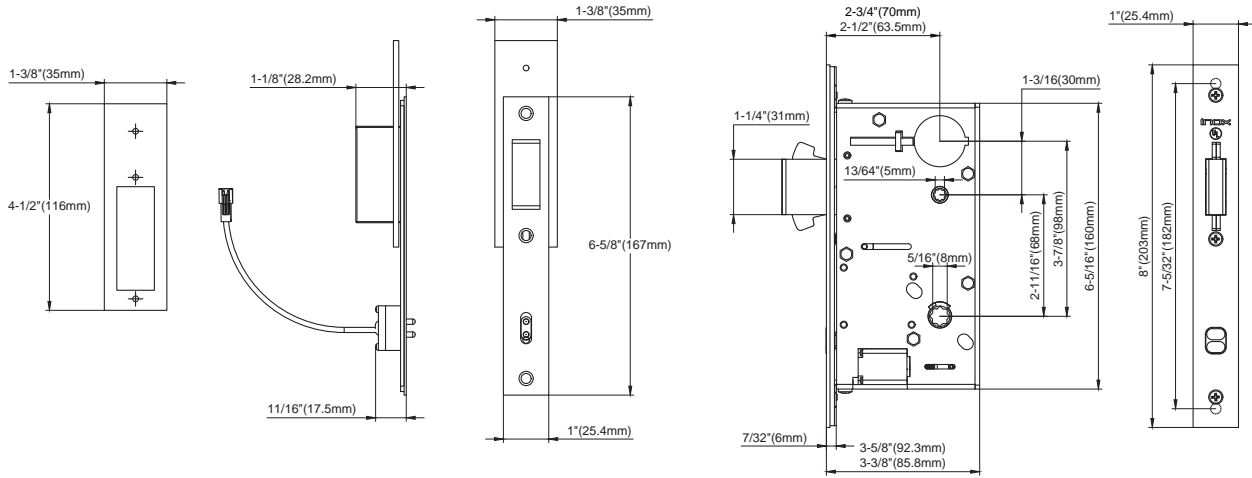


### Classroom: PD97PT70

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Insert and turn key from outside to throw/retract deadbolt to lock/unlock door
- Door cannot be locked from inside
- Outside lever is rigid at all times
- Inside lever always unlocks deadbolt for emergency egress

# PD97PT

## Dimensions and Wiring Diagram



For UL compliance this product must be used with UL Listed access control and burglar alarm control panels / peripheral devices. Accessories are shown for reference only and not evaluated for UL294 or UL1034.

PD97PT Electrified Locks are designed to operate at 12/24V. INOX breakdown of individual items:

Lock Body	560mA
Strike	40 mA

For UL compliance the product is to be powered via a UL294 or UL603 or UL2610 power supply with a class 2 power limited output suitable for the power requirement of the product. Door Position Switch (DPS) 250K cycles of operation resistive load

# PD97ATL

## Electrified Mortise Locks with Auto-Locking for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

### FEATURE

- Motor Driven 12/24V electrified lock for sliding doors
- Built-in DPS & DBM sensors, enabling auto-latching and auto-locking functions
- Supports touchless opening solutions when paired with an auto-operator
- Fail Secure lock remains mechanically locked during power failure, ensuring security
- Designed for easy integration with any type of access control system



### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

Description	Part Number	Standard Finish Options
Electrified Mortise Lock with Auto-Locking	<b>PD97ATL</b>	32D Satin Stainless Steel 32 Bright Stainless Steel 4 Satin Brass

For additional finish options not listed, contact Sales Department for MOQ and lead times

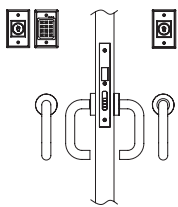
# PD97ATL

## Functions

PD97ATL Functions are **Fail Secure** except for Passage. In all other functions, deadbolt auto-locks once door is closed; during power failure, deadbolt remains mechanically locked from outside.

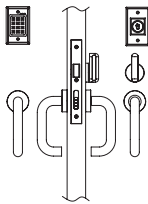
PD97ATL includes the following monitoring sensors:

- DBM = Deadbolt Monitoring Switch
- DPS = Door Position Switch



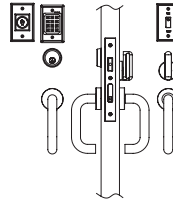
### Passage: PD97ATL10

- Latchbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Levers are active at all times



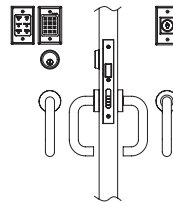
### Patio/Exit: PD97ATL60

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Thumbturn inside throws/retracts deadbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside lever always unlocks deadbolt for emergency egress



### Entry/Office: PD97ATL53

- Latchbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Key from outside to throw/retract latchbolt to lock/unlock door
- Thumbturn inside throws/retracts latchbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside switch used to activate or deactivate outside handwave; when door is locked and handwave deactivated, entrance by key only
- Inside lever always unlocks latchbolt for emergency egress

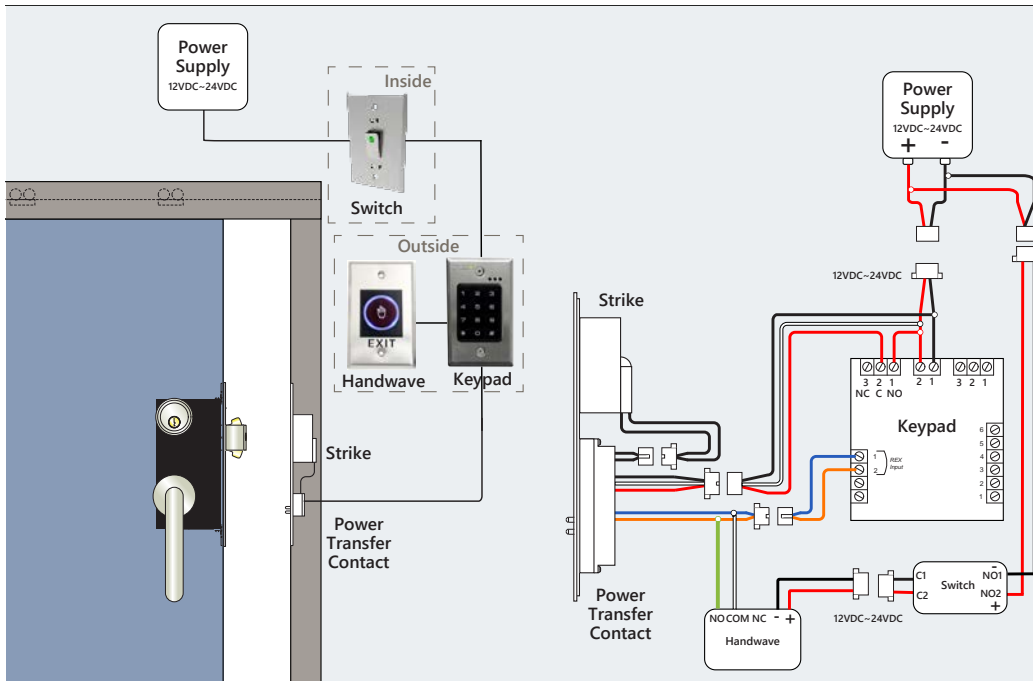
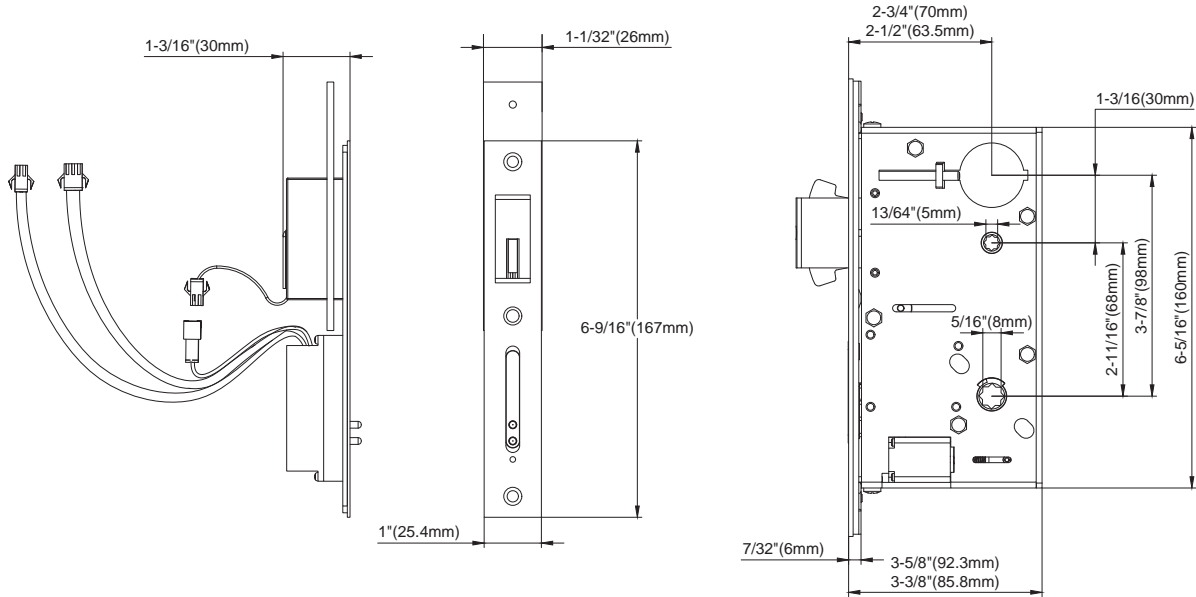


### Storeroom: PD97ATL80

- Latchbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Turn key from outside to throw/retract latchbolt to lock/unlock door
- Door cannot be locked from inside
- Outside lever is rigid at all times
- Inside lever always unlocks latchbolt for emergency egress

# PD97ATL

## Dimensions and Wiring Diagram



For UL compliance this product must be used with UL Listed access control and burglar alarm control panels / peripheral devices. Accessories are shown for reference only and not evaluated for UL294 or UL1034.

PD97ATL Electrified Locks are designed to operate at 12/24V.  
INOX breakdown of individual items:

Lock Body	560mA
Strike	40 mA
Keypad	90 mA
Handwave	30 mA
On/Off Switch	20 mA

For UL compliance the product is to be powered via a UL294 or UL603 or UL2610 power supply with a class 2 power limited output suitable for the power requirement of the product. Door Position Switch (DPS) 250K cycles of operation resistive load



# PD97ES

## Electrified Mortise Locks with Auto-Locking & Monitoring for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

### FEATURES

- Motor Driven 12/24V electrified lock for sliding doors
- Built-in DPS & DBM sensors, enabling auto-latching and auto-locking functions
- Supports touchless opening solutions when paired with an auto-operator
- Fail Secure lock remains mechanically locked during power failure, ensuring security
- Designed for easy integration with access control and monitoring systems



### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

Description	Part Number	Standard Finish Options
Electrified Mortise Lock with Auto-Locking and Monitoring	<b>PD97ES</b>	32D Satin Stainless Steel 32 Bright Stainless Steel 4 Satin Brass

For additional finish options not listed, contact Sales Department for MOQ and lead times

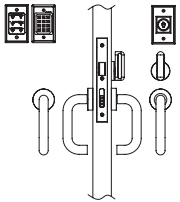
# PD97ES

## Functions

PD97ES Functions are **Fail Secure**. Deadbolt auto-locks once door is closed; during power failure, deadbolt remains mechanically locked from outside.

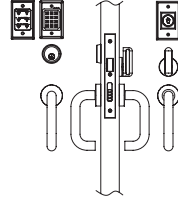
PD97ES includes the following monitoring sensors:

- REX = Request-to-Exit Monitoring Switch
- DBM = Deadbolt Monitoring Switch
- DPS = Door Position Switch



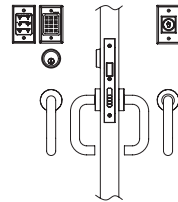
### Patio/Exit: PD97ES60

- Deadbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Thumbturn inside throws/retracts deadbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside lever always unlocks deadbolt for emergency egress



### Entry/Office: PD97ES53

- Latchbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Key from outside to throw/retract latchbolt to lock/unlock door
- Thumbturn inside throws/retracts latchbolt to lock/unlock door
- Outside lever is rigid at all times
- Inside lever always unlocks latchbolt for emergency egress

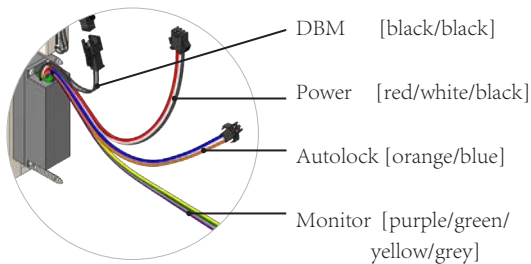
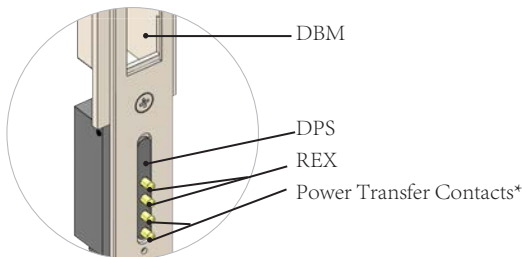
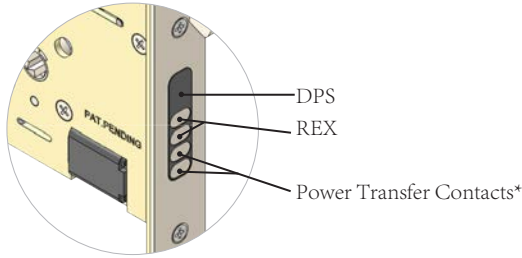


### Storeroom: PD97ES80

- Latchbolt projected/retracted by built-in stepper motor when energized by 12/24V DC power transferred through contacts on lock and strike
- Key from outside to throw/retract latchbolt to lock/unlock door
- Door cannot be locked from inside
- Outside lever is rigid at all times
- Inside lever always unlocks latchbolt for emergency egress

# PD97ES

## Built-in Monitoring Switches



\*Power Transfer to the lock occurs on contact with the pogo pins on the strike.

### Auto-locking Switch [orange/blue]

- When the door is closed, the DPS will trigger the auto-locking switch to power the lock for auto-locking.
- When the DBM detects the deadbolt is not fully engaged, the DPS indicates the door is still closed; the auto-locking switch will trigger the power to be sent to the lock for auto-relocking again. If this verification process is repeated 3 times, an alarm sound will be activated unless user re-opens the door.

### DPS (Door Position Switch) [yellow/purple]

- Monitoring signal showing the position of the door as either closed or open.
- When door is closed, the DPS signal will trigger an auto-locking switch function.

### DBM (Deadbolt Monitoring Switch) [green/purple]

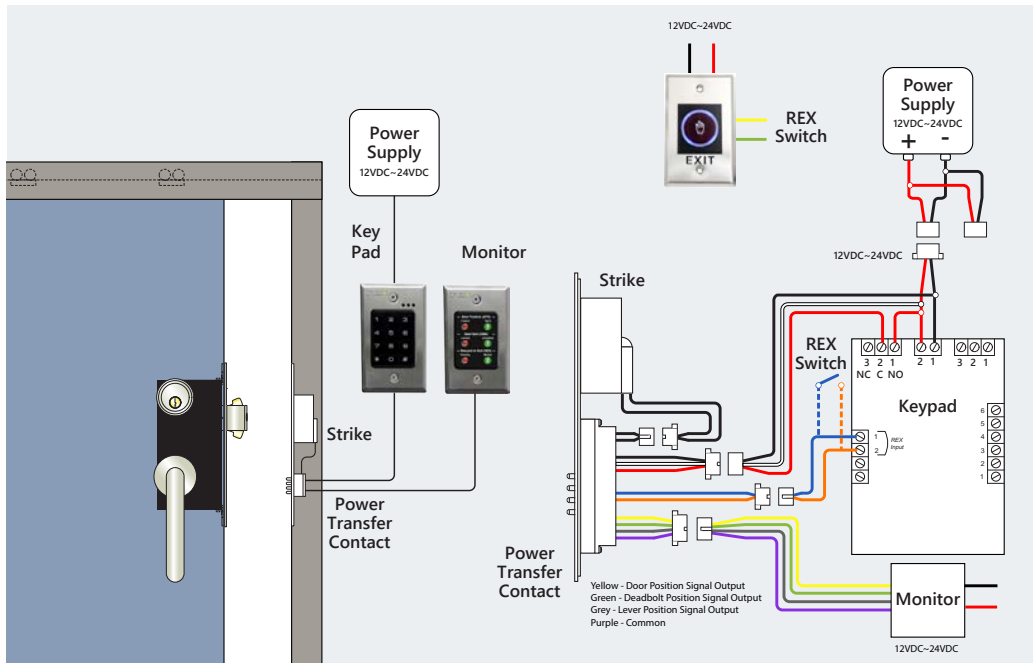
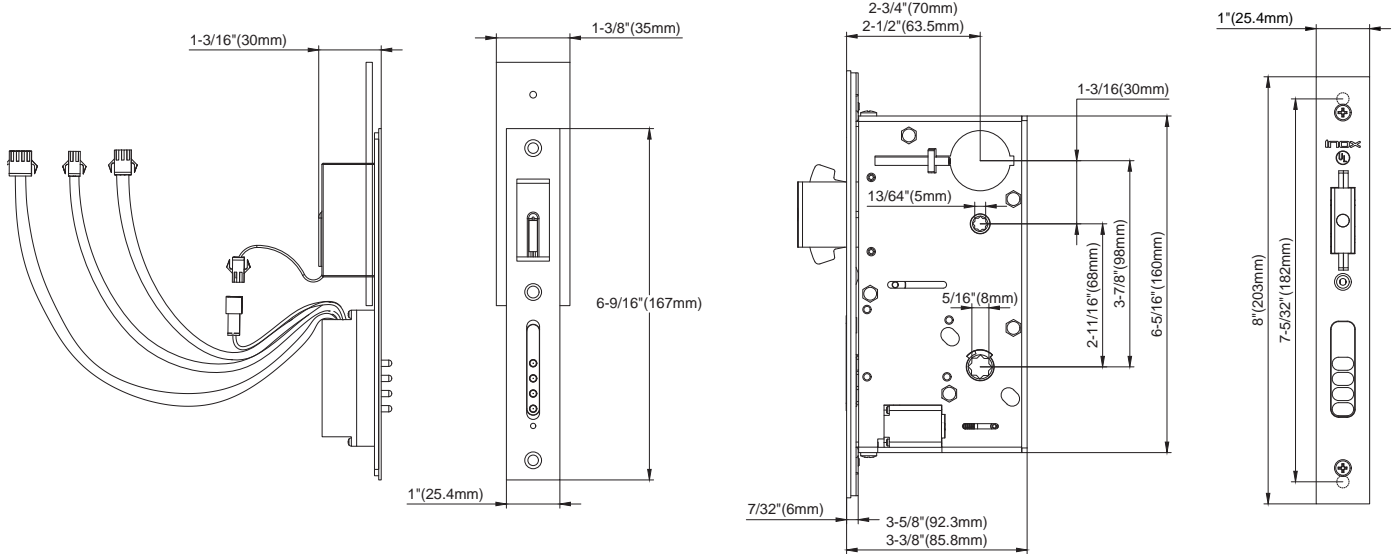
- Monitoring signal showing the position of the deadbolt as locked or unlocked.
- If the deadbolt is not fully engaged in the strike after a locking cycle, the DBM signal will trigger a relocking cycle.
- After 3 failed attempts to lock, an integrated speaker will chime 60 seconds to notify user that door failed to lock.

### REX / Inside Lever Monitoring Switch [grey/purple]

- Monitoring signal alerts that someone is using the lever, intending to exit from within secure area.

# PD97ES

## Dimensions and Wiring Diagram



For UL compliance this product must be used with UL Listed access control and burglar alarm control panels / peripheral devices. Accessories are shown for reference only and not evaluated for UL294 or UL1034.

PD97ES Electrified Locks are designed to operate at 12/24V. Complete INOX system maximum current draw is 780 mA. INOX breakdown of individual items:

Lock Body	560mA
Strike	40 mA
Keypad	90 mA
Handwave	30 mA
Relay	30 mA
Monitor	30 mA

For UL compliance the product is to be powered via a UL294 or UL603 or UL2610 power supply with a class 2 power limited output suitable for the power requirement of the product. Door Position Switch (DPS), Deadbolt Monitoring Switch (DBM): 250K cycles of operation resistive load.

# PD9700 SERIES

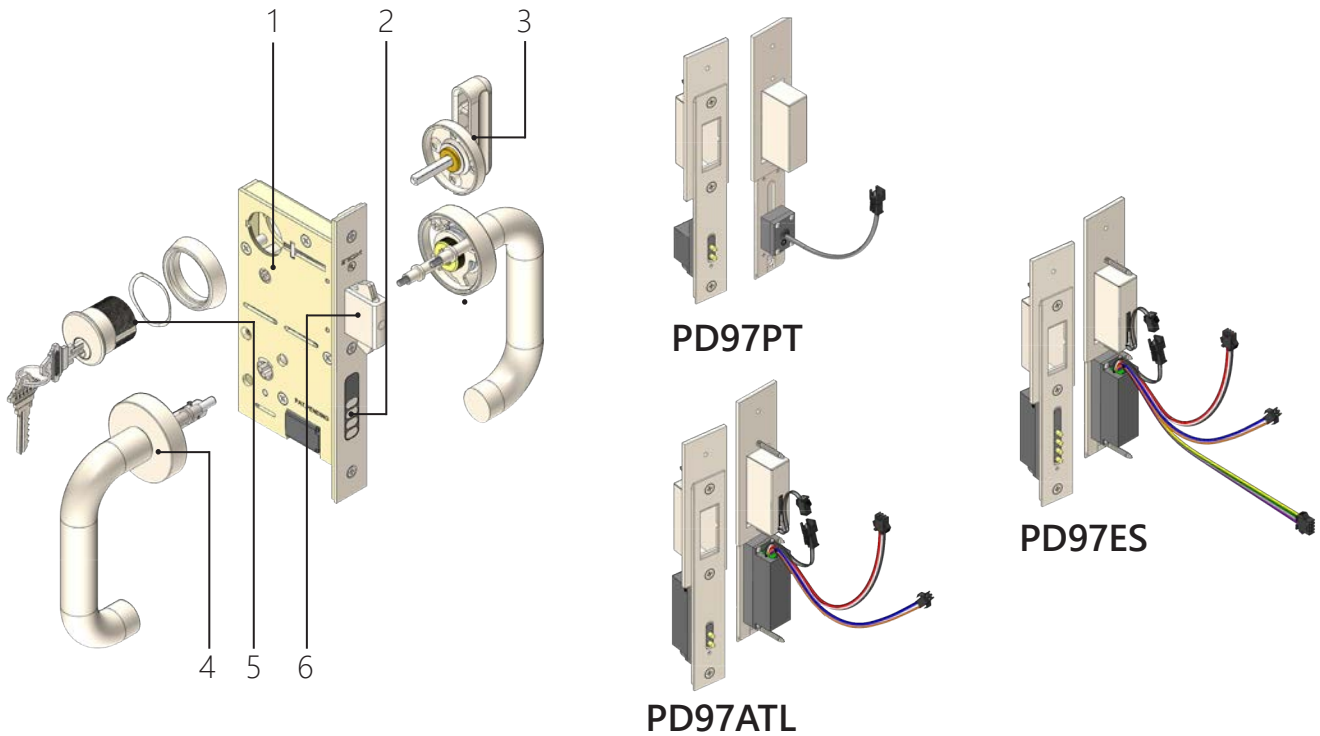
## Electrified Locks Comparison

Trim	PD97PT	PD97PT-ATL	PD97ES
X Series Trim	x	x	x
Outside Surface Pull with Inside Lever for Egress	x	x	x
<b>Performance Capabilities</b>			
Touchless Unlocking	x	x	x
Built-in Power Transfer within Lockset	x	x	x
Self-latching/Auto-latching*		x	x
Auto-locking connecting to Monitoring Panel			x
<b>Certification Compliance</b>			
UL294 Safety and Security for Access Control System	x	x	x
UL1784 Air Leakage Test for Draft, Smoke Door Assembly		x	x
UL1034 Burglary Resistant Electric Lock Mechanism	x	x	x
ANSI/BHMA A156.25 Electrified Locking Device	x	x	x

\* Passage or Office Function only

# PD9700 SERIES

## Components



### Description

- |   |  |
|---|--|
| 1 | PD97ES lockcase and faceplate; 2-3/4" backset or 2-1/2" backset                |
| 2 | Faceplate with contacts  |
| 3 | ADA Compliant thumbturn  |
| 4 | Heavy-duty Stainless Steel cast rose with choice of X Series lever design      |
| 5 | Schlage C keyway, 6 pin 1-1/4" mortise cylinder                                |
| 6 | 1" (25.4mm) heavy-duty brass bolt throw with self-retracting non-marring hooks |

# PD9700 SERIES

## Rose and Lever Designs

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XGT Rose



XGS Rose

\*Return-to-Door Lever Designs comply with California and other state building codes for door openings



## PD9700 SERIES

### Exterior Surface Pull Options and Thumbturns



PHIX330.512.8ST



PHIX31108ST



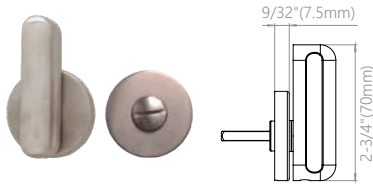
PHIX30108ST



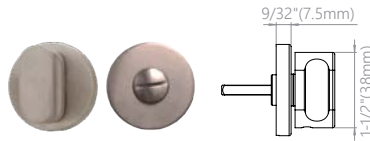
Ref.	Description	Part Number
1	TT02 Thumbturn in Round Rosette	<a href="#">EC-R460TT02</a>
2	TT02 Thumbturn in Square Rosette	<a href="#">EC-S420TT02</a>
3	TT04 Thumbturn in Round Rosette	<a href="#">EC-R460TT04</a>
4	TT04 Thumbturn in Square Rosette	<a href="#">EC-S420TT04</a>
5	ADA TT07 Thumbturn in Round Rosette	<a href="#">EC-R460TT07-ADA</a>
6	ADA TT07 Thumbturn in Square Rosette	<a href="#">EC-S420TT07-ADA</a>



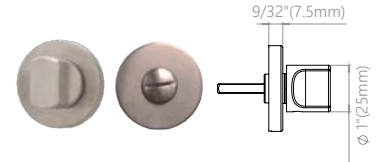
# THUMBTURN & RELEASE



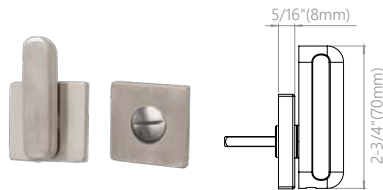
**EC-R460PVS-ADA**  
TT07 Thumbturn with coin release



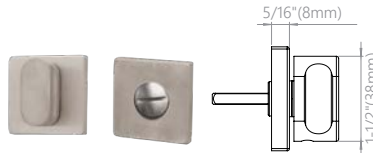
**EC-R460PVS-TT04**  
TT04 Thumbturn with coin release



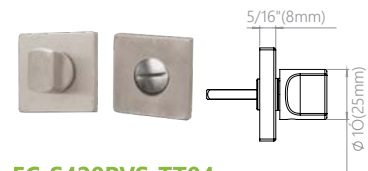
**EC-R460PVS-TT04**  
TT04 Thumbturn with coin release



**EC-S420PVS-ADA**  
TT07 Thumbturn with coin release



**EC-S420PVS-TT04**  
TT04 Thumbturn with coin release

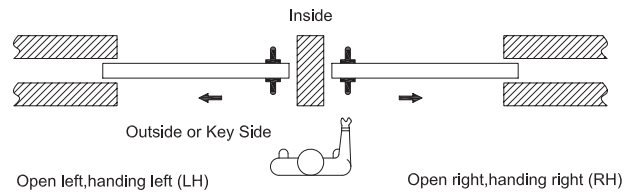


**EC-S420PVS-TT04**  
TT04 Thumbturn with coin release

## SLIDING DOOR HANDING

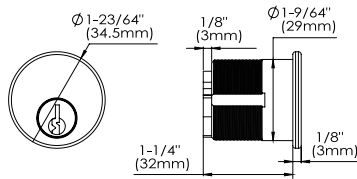
Handing refers to the direction the door slides open.  
Example: If the door slides to the left to open, it is a left-handed door.

Handing is determined from the exterior or key side of the door when facing into the room



## PD9000 SERIES MORTISE LOCK

### MORTISE CYLINDERS AND KEYS



Schlage C Keyway, 6 Pin, with Clover Cam, 2 Keys

Standard Keyed Different (KD)

Other Keying Services available

All trims use 1-1/4" Mortise Cylinder for standard 1-3/4" door

Other sizes or keyway cylinders available. Order separately

Illustration	Item Code	Description	Size	ANSI
<i>Mortise Cylinders</i>				
	<b>CMB105</b>	Mortise Cylinder, Schlage C Keyway, 5 pin, L Cam	1"	E09211
	<b>CMB1186</b>	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/8"	E09211
	<b>CMB1146</b>	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/4"	E09211
	<b>CMB1386</b>	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/8"	E09211
	<b>CMB1126</b>	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/2"	E09211
	<b>CMB1346</b>	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/4"	E09211
<i>Dummy Cylinders</i>				
	<b>CMB1140DM*</b>	Mortise Dummy Cylinders, No Cam	1-1/4"	E09211

\* Dummy function lockset does not include dummy cylinder. Dummy cylinder ordered separately if required

### INTERCHANGEABLE CORE (IC) HOUSING WITH REMOVABLE MORTISE CAM

Solid Brass/ Small Format (SFIC) Housing

Standard L Cam included for MC7000 Series mortise lock

Accepts Best, Arrow and Falcon Cores

Illustration	Item Code	Description	Size	ANSI
	<b>CMB1146-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 6 Pin	1-1/4"	E09241
	<b>CMB1386-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 6 Pin	1-3/8"	E09241
	<b>CMB1126-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 6 Pin	1-1/2"	E09241
	<b>CMB1586-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 6 Pin	1-5/8"	E09241
	<b>CMB1387-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 7 Pin	1-3/8"	E09241
	<b>CMB1127-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 7 Pin	1-1/2"	E09241
	<b>CMB1587-ICBA-HUS</b>	SFIC Mortise Cylinder Housing, 7 Pin	1-5/8"	E09241

### INTERCHANGEABLE CORES ONLY

Solid brass plug and housing / Small Format (SFIC) Core in Best A Keyway

2 Change keys per Combined Core – A2 System Only

1 master key or grand master key included per group/order

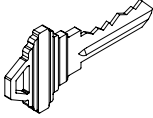
1 Control key per group/order

6 or 7 pin cores replace Arrow, Best, Falcon

Construction or Combined Core

Illustration	Item Code	Description	ANSI
	<b>CMB-ICBA6-CST</b>	SFIC Core Only, Best A Keyway, 6 Pin, Construction	E09251
	<b>CMB-ICBA6-CMB</b>	SFIC Core Only, Best A Keyway, 6 Pin, Combined	E09251
	<b>CMB-ICBA7-CMB</b>	SFIC Core Only, Best A Keyway, 7 Pin, Combined	E09251

KEYS

Illustration	Item Code	Description
	<b>LSK-6SC-NP</b>	Standard key Schlage C Keyway for 6 Pin, Nickel Plated
	<b>LSK01-6SC-NS-DND</b>	DND Nickel Silver Key, Schlage C Keyway for 6 Pin, w/“Do Not Duplicate”
	<b>LSK06-BA-CRK</b>	Extra Control Key for IC Core, Best A Keyway
	<b>LSK06-BA-MK</b>	Extra Master Key for IC Core, Best A Keyway
	<b>LSK06-BA-GMK</b>	Extra Grand Master Key for IC Core, Best A Keyway

KEYING SERVICES

Description	Item No.
Service: Key Cut including Key Blank	<b>SV-KYCT</b>
Service: Keyed Alike (KA)	<b>SV-KA</b>
Service: Keyed Alike Pair	<b>SV-KA2</b>
Service: Keyed Alike Group (Specify Number of Keyed Alike Per Group)	<b>SV-KA (Number)</b>
Service: Keyed to Specific Code	<b>SV-KS</b>
Service: Master Keying	<b>SV-MK</b>
Service: Grand Master Keying with 2 or more Master groups.	<b>SV-GMK</b>
Service: Construction Master Keying Service	<b>SV-CMK</b>
Service: Great Grand Master Key	<b>SV-GGMK</b>

Description	Item No.
Service: IC Core Key Cut including Key Blank	<b>SV-ICKYCT</b>
Service: IC Core Keyed Alike (KA) - Each cylinder in the group is keyed alike	<b>SV-ICKA</b>
Service: IC Core Keyed to Specific Code - Cylinder is keyed to a specific code	<b>SV-ICKS</b>
Service: IC Core Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK	<b>SV-ICMK</b>
Service: IC Core Grand Master Keying (2 or more MK groups included)	<b>SV-ICGMK</b>
Service: IC Core Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK Group	<b>SV-ICMK</b>

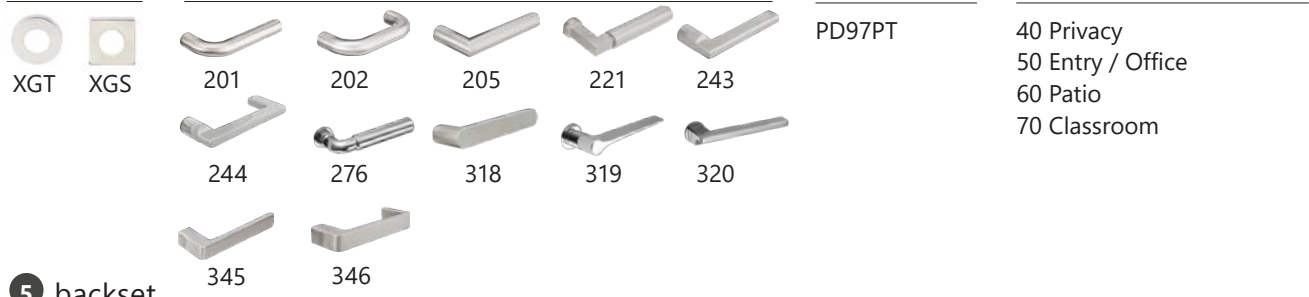
Description	Item No.
Service: Euro Cylinder Key Cut including Key Blank	<b>SV-CYKYCT</b>
Service: Euro Cylinder Keyed Alike (KA) - Each cylinder in the group is keyed alike	<b>SV-CYKA</b>
Service: Euro Cylinder Keyed to Specific Code - Cylinder is keyed to a specific code	<b>SV-CYKS</b>
Service: Euro Cylinder Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per	<b>SV-CYMK</b>
Service: Euro Cylinder Grand Master Keying (2 or more MK groups included)	<b>SV-CYGMK</b>
Service: Euro Cylinder Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK	<b>SV-CYMK</b>

# PD9700 ELECTRIFIED SLIDING DOOR MORTISE LOCK

## HOW TO ORDER PD97PT LOCKSETS




Use the sequence below to order or specify mortise locksets. Please see price book for parts or additional service upcharge.

Rose	Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
<b>XGT</b>	<b>243</b>	<b>-PD97PT</b>	<b>50</b>	<b>A</b>	<b>CMB1146</b>	<b>GT07</b>	<b>32D</b>	<b>LH</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
rose	lever	lock			functions			



**5** backset  
 Backset Blank = 2-3/4"      Backset A = 2-1/2"

**6** cylinder

	<b>CMB1146</b>	1-1/4" Cylinder, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1186</b>	1-1/8" Cylinder 6 Pin	No Collar Required
	<b>CMB1386</b>	1-3/8" Cylinder, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB1146-ICBA-HUS</b>	1-1/4" SFIC housing, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1387-ICBA-HUS</b>	1-3/8" SFIC housing, 7 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB112-LFIC-HUS</b>	1-1/2" LFIC housing, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar



**9** handing  
 RH = Right Hand      LH = Left Hand

HOW TO ORDER PD97ATL LOCKSETS

Use the sequence below to order or specify mortise locksets. Please see price book for parts or additional service upcharge.

Rose	Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
<b>XGT</b>	<b>243</b>	<b>-PD97PT-ATL</b>	<b>53</b>	<b>A</b>	<b>CMB1146</b>	<b>GT04</b>	<b>32D</b>	<b>LH</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>



**5 BACKSET**  
 Backset Blank = 2-3/4"      Backset A = 2-1/2"

**6 CYLINDER**

	<b>CMB1146</b>	1-1/4" Cylinder, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1186</b>	1-1/8" Cylinder 6 Pin	No Collar Required
	<b>CMB1386</b>	1-3/8" Cylinder, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB1146-ICBA-HUS</b>	1-1/4" SFIC housing, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1387-ICBA-HUS</b>	1-3/8" SFIC housing, 7 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB112-LFIC-HUS</b>	1-1/2" LFIC housing, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
















**9 HANDING**  
 RH = Right Hand    LH = Left Hand

# PD9700 ELECTRIFIED SLIDING DOOR MORTISE LOCK

## HOW TO ORDER PD97ES LOCKSETS

Use the sequence below to order or specify mortise locksets. Please see price book for parts or additional service upcharge.

Rose	Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
<b>XGT</b>	<b>243</b>	<b>-PD97ES</b>	<b>53</b>	<b>A</b>	<b>CMB1146</b>	<b>GT04</b>	<b>32D</b>	<b>LH</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>ROSE</b>	<b>LEVER</b>	<b>LOCK</b>			<b>FUNCTION</b>			




 XGT	 XGS	 201	 202	 205	 221	 243	<b>PD97ES</b>	53 Entrance 60 Patio 80 Storeroom
		 244	 276	 318	 319	 320		
		 345	 346					

### 5 BACKSET

Backset Blank = 2-3/4"

Backset A = 2-1/2"




### 6 CYLINDER

	<b>CMB1146</b>	1-1/4" Cylinder, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1186</b>	1-1/8" Cylinder 6 Pin	No Collar Required
	<b>CMB1386</b>	1-3/8" Cylinder, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB1146-ICBA-HUS</b>	1-1/4" SFIC housing, 6 pin	EC-R460COL Round Collar EC-S420COL Square Collar
	<b>CMB1387-ICBA-HUS</b>	1-3/8" SFIC housing, 7 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar
	<b>CMB112-LFIC-HUS</b>	1-1/2" LFIC housing, 6 pin	EC-R417COL Round Collar EC-S420COL + EC-R456COL Square Collar

### 7 THUMBTURN

					
GT02	GT04	GT07	GS02	GS04	GS07

### 8 FINISH

Standard:					
	32D	C19G	C19	CGY	CDB
					
	32	PVD4			

### 9 HANDING

RH = Right Hand

LH = Left Hand

## HOW TO ORDER

### PD97PT Mortise Locks with Exterior Surface Pull and Interior X Series Lever

To order locksets, please describe the additional requirements in the same sequence as below. Please see price book for parts or additional service upcharge.

Outside Pull	Inside Rose	Inside Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
<b>PHIX31108 ST</b>	<b>XGT</b>	<b>243</b>	<b>-PD97</b>	<b>50</b>	<b>A</b>	<b>CMB1146</b>	<b>GT07</b>	<b>32D</b>	<b>LH</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>PULL</b>	<b>ROSE</b>	<b>LEVER</b>	<b>LOCK</b>				<b>FUNCTION</b>		
PHIX31108ST PHIX30108ST PHIX330.512.8ST	XGT XGS	201 244 345	202 276 346	205 318	221 319	243 320	PD97PT	40 Privacy 50 Office / Entry 60 Patio 70 Classroom	

#### 6 BACKSET

Backset Blank = 2-3/4"

Backset A = 2-1/2"

#### 7 CYLINDER



**CMB1146**

1-1/4" Cylinder, 6 pin  
EC-R460COL Round Collar

**L**

Less Cylinder

#### 8 THUMBTURN



GT02



GT04



GT07



GS02



GS04



GS07

#### 9 FINISH

Standard:



32D



C19G



C19



CGY



CDB



32

#### 10 HANDING

RH = Right Hand

LH = Left Hand

## HOW TO ORDER

### PD97ATL / PD97ES Mortise Locks with Exterior Surface Pull and Interior X Series Lever

To order locksets, please describe the additional requirements in the same sequence as below. Please see price book for parts or additional service upcharge.

Outside Pull	Inside Rose	Inside Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
<b>PHIX31108 ST</b>	<b>XGT</b>	<b>201</b>	<b>-PD97ES</b>	<b>53</b>	<b>A</b>	<b>CMB1146</b>	<b>GT07</b>	<b>32D</b>	<b>LH</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>PULL</b>	<b>ROSE</b>	<b>LEVER</b>	<b>LOCK</b>				<b>FUNCTION</b>		
PHIX31108ST PHIX30108ST PHIX330.512.8ST	XGT XGS	201 244 345	202 276 346	205 318	221 319	243 320	PD9ATL PD97ES	53 Entrance 60 Patio 80 Storeroom	

#### 6 BACKSET

Backset Blank = 2-3/4"

Backset A = 2-1/2"

#### 7 CYLINDER



**CMB1146**

1-1/4" Cylinder, 6 pin  
EC-R460COL Round Collar

**L**

Less Cylinder

#### 8 THUMBTURN



GT02



GT04



GT07



GS02



GS04



GS07

#### 9 FINISH

Standard:



32D



C19G



C19



CGY



CDB



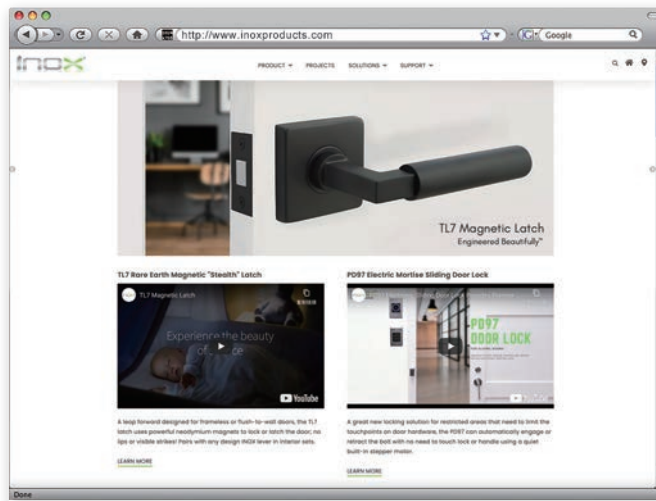
32

#### 10 HANDING

RH = Right Hand

LH = Left Hand





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