Electric Mortice Locks

25YEAR MECHANICAL WARRANTY

We take the worry out of
protecting what's valuable to you.
Lockwood: *no worries®*

LOCKWOOD
ASSA ABLOY

Contents

25YEAR MECHANICAL WARRANTY
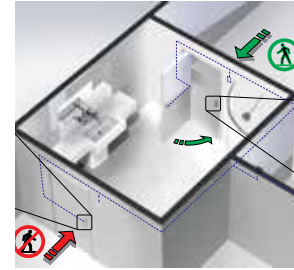
3570 Series Electric Mortice Lock

Designed and manufactured in Australia, the 3570 series electric mortice is a high performance lock of superior quality. It is constructed from high grade zinc alloy, with a stainless steel latch bolt and face plate and is suited for all commercial applications.

The lock can be operated by push buttons, intercom systems and key switches; or integrated with electronic access control systems for use with higher security devices such as keypads or card readers.

Standards and Compliance

S3	(Security) Australian Lock Standard (AS4145.2.1993) (when used with equivalent security level keying system)
D3	(Durability) Australian Lock Standard (AS4145.2.1993)
🔥	Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)
C	C-Tick Certified

Product Details

Voltage	12Vdc - 24Vdc Operating Voltage
Current	500mA (max) 80mA holding @ 12Vdc 275mA (max) 50mA holding @ 24Vdc
LED Current	When LED's are fitted, add 15mA (max) to total current draw
Monitoring	Dual Key override Deadlatched Locked Door closed Request to exit Microswitches: 500mA (max) @ 30Vdc each circuit Reedswitch: 100mA (max) @ 30Vdc
Environment	Operational temperature range -20c to + 60c
Case/Cover	High purity Zinc alloy construction
Backset	60mm standard, 89 & 127 mm available
Latch Bolts	Reversible with Stainless Steel construction
Door Clearance	3 - 6.5 mm
Door Thickness	Standard applications 32 to 50mm
Cylinder	Standard Lockwood oval shaped cylinders
Cabling	1.6 metre length of cable with 12 pin socket supplied with each lock. Recommended cable: 18AWG (0.82mm²) cable runs up to 30m
Furniture	Compatible with Lockwood series door furniture
Standard Finishes	Satin Chrome **(SC)** standard. Bright Chrome **(CP)** and Polished Brass **(PB)** finishes available

25YEAR MECHANICAL WARRANTY

3570 Series Electric Mortice Lock

Key Features

Designed with flexibility in mind, the one lock can cover all functions and is easily configured on site for the required application.

Available in non monitored and monitored versions.

Monitoring Features:

- Dead latched and Locked
- Door position/Reed switch
- Dual key override monitoring
- Request to exit/REX
- LED indication

Field Changeable Settings:

- Fail safe/fail secure configuration.
- Multi-voltage - will work on 12-24 Vdc systems.
- Handing - left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring either side of the door
- Monitoring contacts – normally closed, normally open (for key override and request to exit only)
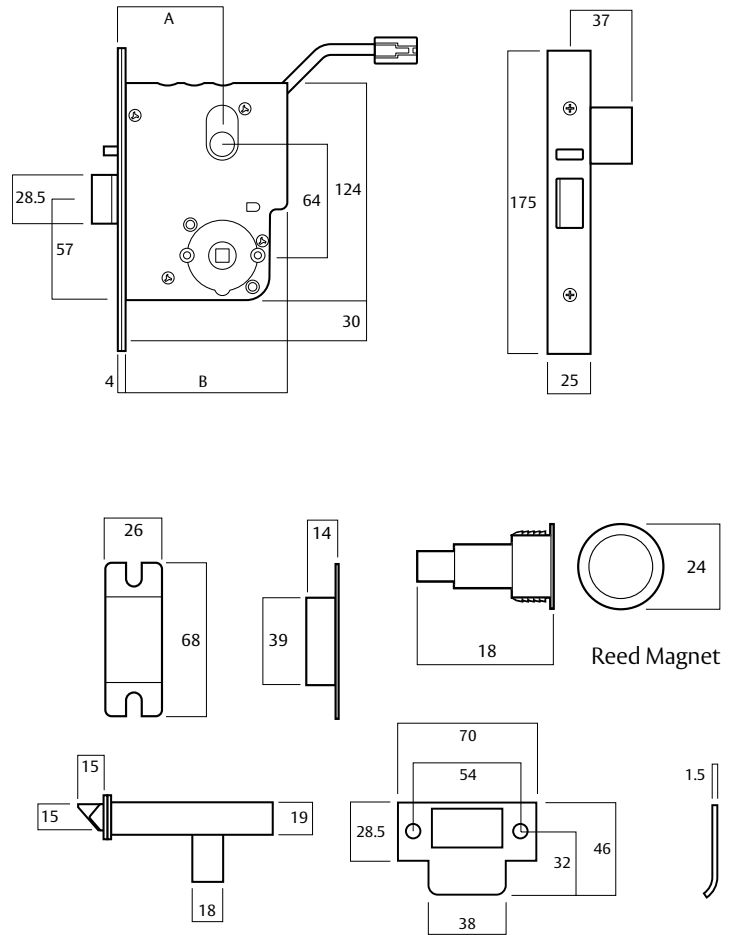
3570 Series Electric Mortice Lock

Dimension	Backset		
A	60	89	127
B	100	129	167

Specification Statement

The lock should be capable of operation on voltages between 12 – 24Vdc and have a current consumption not more than 80mA (holding) @12Vdc and 50mA (holding) @24Vdc. Monitored locks must be capable of monitoring the following functions: Key override, door position / reed switch, selectable hub / Request to exit, & locking bar status. All monitoring outputs must have the ability to be wired independently. All settings – including: fail safe / fail secure, handing, hub selection must be field configurable.

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Ordering Procedure

Sample part number 3572ELAM2RSC is made up of several sections. Choose your product by selecting an option from each section.

Backset	Fixing		Lock Functions	Electric Lock		Safety Function	Sub Function		Handing	Finish
3	**5**	/	**72**	**EL**	/	**A**	**M2**		**R**	**SC**

Backset	
60 mm	3
89 mm	4
127 mm	5

Fixing	
Standard	5

Lock Function	
Primary Lock	70
Vestibule Lock	72
Combination Lock	74

Electric Lock	
Electric Lock	EL

Safety Function	
Fail Safe (Power to lock)	A
Fail Secure (Power to unlock)	E

Safety Function	
Non-monitored Lock (0 Cylinders)	N0
Non-monitored Lock (1 Cylinders)	N1
Non-monitored Lock (1 Cylinder)	N1
Non-monitored Lock (2 Cylinders)	N2
Fully monitored Lock including KOM (0 Cylinders)	M0
Fully monitored Lock including KOM (1 Cylinder)	M1
Fully monitored Lock including KOM (2 Cylinders)	M2

Handing	
Right Handed	R
Left Handed	L

Finish	
Satin Chrome	SC
Chrome Plate	CP
Polished Brass	PB

Ordering Notes

- 3570 primary locks can be set to achieve all lock functions post purchase, and should be the preferred option when ordering.
- Customised locks are available upon request and incur an additional surcharge and 10 day lead time.
- See over page for primary lock part numbers.

Handing Chart

DOOR OPENING IN

RIGHT HAND — INSIDE — LEFT HAND
OUTSIDE

DOOR OPENING OUT

INSIDE
RIGHT HAND — OUTSIDE — LEFT HAND
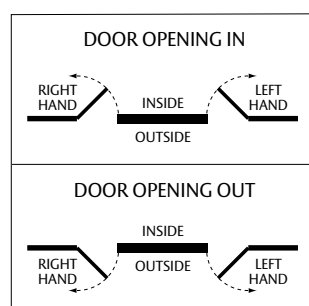
Backset Nominate backset as required, e.g. 60mm		**3**
Fixing Select the desired fixing method, e.g. Standard Fixing 35		**35**
Lock Function Select function, e.g. Vestibule Lock		357**2**
Electrical Variant Indicate that this is an Electric Lock		358**2EL**
Safety Function Select whether lock should be Fail Secure or Fail Safe, e.g. Fail Safe		3572EL**A**
Monitoring and Key Override Options Select monitoring and cylinders to be supplied, e.g. Monitored Lock with two cylinders		3572ELA**M2**
Handing Determine left or right handing, e.g. Right Handed		3572ELAM2**R**
Finish Specify appropriate finish, e.g. Satin Chrome		3572ELAM2R**SC**

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3570 Series Electric Mortice Lock

Primary Electric Mortice Lock Ordering Procedure

Part Number	Cylinders	Product Description - Non-Monitored
3570ELN0SC	No Cylinder	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Non Monitored
3570ELN1SC	1 Cylinder	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Non Monitored
3570ELN2SC	2 Cylinders	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Non Monitored
4570ELN0SC	No Cylinder	Electric Mortice Lock 4570 Primary Lock 89mm Backset Non Monitored
4570ELN1SC	1 Cylinder	Electric Mortice Lock 4570 Primary Lock 89 mm Backset Non Monitored
4570ELN2SC	2 Cylinders	Electric Mortice Lock 4570 Primary Lock 89 mm Backset Non Monitored
5570ELN0SC	No Cylinder	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Non Monitored
5570ELN1SC	1 Cylinder	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Non Monitored
5570ELN2SC	2 Cylinders	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Non Monitored

Part Number	Cylinders	Product Description - Non-Monitored (hub, deadlatch, solenoid, door position, key override monitoring all as standard)
3570ELM0SC	No Cylinder	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Monitored
3570ELM1SC	1 Cylinder	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Monitored
3570ELM2SC	2 Cylinders	Electric Mortice Lock 3570 Primary Lock 60 mm Backset Monitored
4570ELM0SC	No Cylinder	Electric Mortice Lock 4570 Primary Lock 89 mm Backset Monitored
4570ELM1SC	1 Cylinder	Electric Mortice Lock 4570 Primary Lock 89 mm Backset Monitored
4570ELM2SC	2 Cylinders	Electric Mortice Lock 4570 Primary Lock 89 mm Backset Monitored
5570ELM0SC	No Cylinder	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Monitored
5570ELM1SC	1 Cylinder	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Monitored
5570ELM2SC	2 Cylinders	Electric Mortice Lock 5570 Primary Lock 127 mm Backset Monitored

Ordering Notes

- Primary locks can be set post purchase to achieve all desired lock settings e.g. fail safe or fail secure, left hand or right hand, combination lock (locked both sides) or vestibule lock (locked outside and free lever inside)

- All locks are multi-voltage 12-24Vdc

- 3570 primary locks (std 60mm backset) with no cylinder are stocked items. All other items are made to order, 10 day lead time.

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3570 Series Electric Mortice Lock

Accessories - Rebate Kits

Part Numbers	"A"	Finish
3570-2905BC 3570-3905BC	32 46	Bright Chrome
3570-2905PB 3570-3905PB	32 46	Polished Brass
3570-2905SC 3570-3905SC	32 46	Satin Stainless Steel

## Accessories - Long Lipped Strikes

Part Numbers	"A"	Finish
3570-5353CP 3570-5653CP	43.5 47.5	Bright Chrome
3570-5353PB 3570-5653PB	43.5 47.5	Polished Brass
3570-5253SSS 3570-5453SSS	43.5 47.5	Satin Stainless Steel

Accessories - Ordering Information

| Part Numbers	Finish
SP572-3129	LED assembly to suit 3570/3580 (suits furniture for monitored locks)
SP3570-1055	LED assembly to suit 3570/3580 (suits furniture for monitored locks)
SP3570-5861	LED assembly to suit 3570/3580 (suits furniture for monitored locks)
LC8810	323mm Power Transfer Cable
LC8811	543mm Power Transfer Cable

Accessories - Long Lipped Strikes

"A" Cylinder Projection	Cylinder Length	Recommended Door Thickness
41	37	50 to 60
52	48	60 to 84
64	60	84 to 108
80	76	108 to 132
88	84	132 to 156
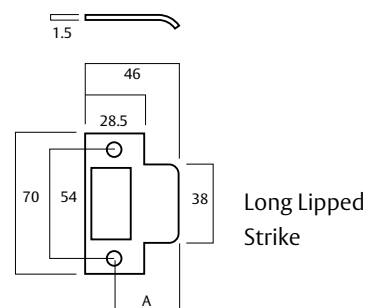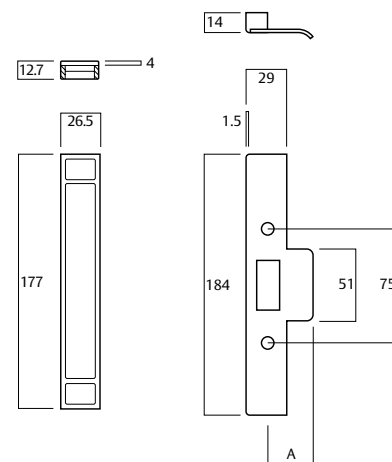
Extended Cylinders

Extended cylinders should be considered when door thickness exceeds 50 mm or when the lock is mounted off centre in the door edge. A range of cylinders is available to suit various door thicknesses. Refer to ASSA ABLOY Australia Keying and Restricted Price List for further information.
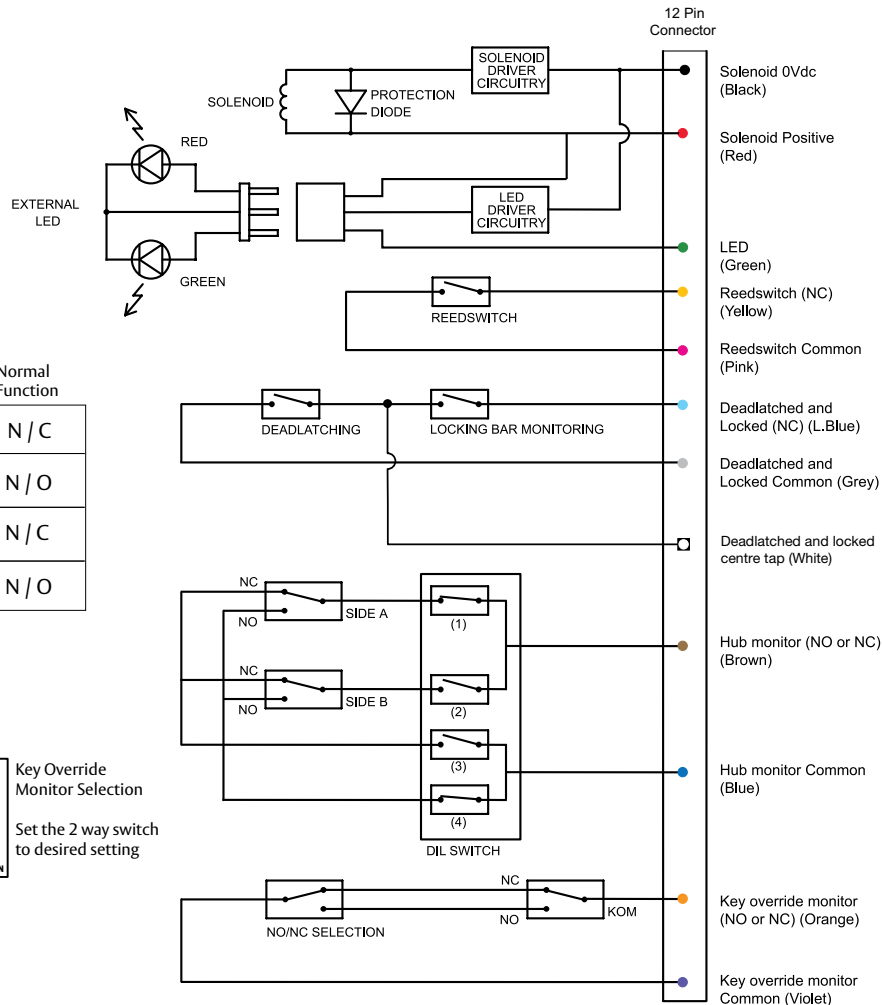
Long Lipped Strike
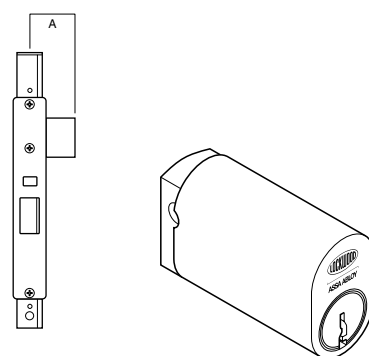
Electrical Specifications

Circuit Diagram

Note: Diagram depicts fail safe RH opened door, with handle and key in rest state.

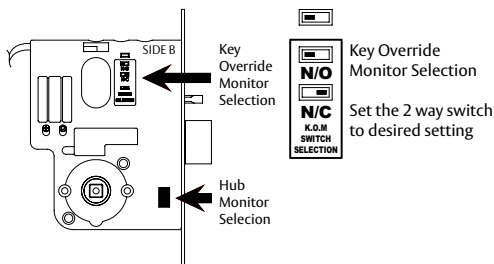### DIL Switch Settings
Hub Monitor

Switch Number 1 2 3 4	Lock Side	Normal Function
ON OFF	A	N / C
ON OFF	A	N / O
ON OFF	B	N / C
ON OFF	B	N / O

Key Override Monitor Selection

Key Override Monitor Selection

Set the 2 way switch to desired setting

12 Pin Connector

Solenoid 0Vdc (Black)
Solenoid Positive (Red)
LED (Green)
Reedswitch (NC) (Yellow)
Reedswitch Common (Pink)
Deadlatched and Locked (NC) (L.Blue)
Deadlatched and Locked Common (Grey)
Deadlatched and locked centre tap (White)
Hub monitor (NO or NC) (Brown)
Hub monitor Common (Blue)
Key override monitor (NO or NC) (Orange)
Key override monitor Common (Violet)

Solenoid Activation

Operating Voltage:
12 - 24Vdc

Operating Current:
500mA (max) 80mA holding @ 12Vdc
275mA (max) 50mA holding @ 24Vdc

For confirmation of the above mentioned operating current, please see installation manual

LED Current
Where LEDs are fitted, add 20mA (max) to total operating current

Monitoring Circuits
Microswitches: 500mA (max) @ 30Vdc each circuit
Reedswitch: 100mA (max) @ 30Vdc

Colour	Function
Black	Solenoid (0Vdc)
Red	Solenoid Positive (12Vdc - 30Vdc)
Green	LED (12Vdc - 30Vdc)
Yellow	Door Closed Reedswitch (NC)
Pink	Door Closed Reedswitch (Common)
Light Blue	Deadlatched and Locked (NC)
Grey	Deadlatched and Locked (Common)
White	Deadlatched and Locked Centre Tap
Brown	Hub Monitor (NO or NC)
Blue	Hub Monitor (Common)
Orange	Key Override Monitor (NO or NC)
Violet	Key Override Monitor (Common)

25YEAR MECHANICAL WARRANTY

3579 Series Electric Mortice Lock

Designed and manufactured in Australia, the 3579 series electric mortice is a high performance lock of superior quality. It is constructed from high grade zinc alloy secured between stainless plates making suitable for high security applications.

The 3579 lock can be operated by push buttons, intercom systems and key switches; or integrated with electronic access control systems for use with higher security devices such as keypads or card readers.

Product Details

Voltage	12Vdc - 24Vdc Operating Voltage
Current	500mA (max) 80mA holding @ 12Vdc 275mA (max) 50mA holding @ 24Vdc
LED Current	When LED's are fitted, add 15mA (max) to total current draw
Monitoring	Dual Key override Deadlatched Locked Door closed Request to exit Microswitches: 500mA (max) @ 30Vdc each circuit Reedswitch: 100mA (max) @ 30Vdc
Environment	Operational temperature range -20c to + 60c
Case/Cover	High purity Zinc alloy construction with Stainless Steel plates
Backset	60mm standard, 89 & 127mm available
Latch Bolts	Reversible with Stainless Steel construction
Door Clearance	3 - 6.5mm
Door Thickness	Standard applications 32 to 50mm
Cylinder	Standard Lockwood oval shaped cylinders
Cabling	1.6 metre length of cable with 12 pin socket supplied with each lock. Recommended cable: 18AWG (0.82mm²) cable runs up to 30m
Furniture	Compatible with Lockwood series door furniture
Standard Finishes	Satin Chrome **(SC)** standard and Bright Chrome **(CP)**

Standards and Compliance

SL8	Australian Lock Standard (AS4145.2.1993) (when used with equivalent security level keying system)
D8	(Durability) Australian Lock Standard (AS4145.2.1993)
	Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)
	C-Tick Certified
	SCEC endorsed for secure areas

25YEAR MECHANICAL WARRANTY

Key Features

Designed with flexibility in mind, the one lock can cover all functions and is easily configured on site for the required application.
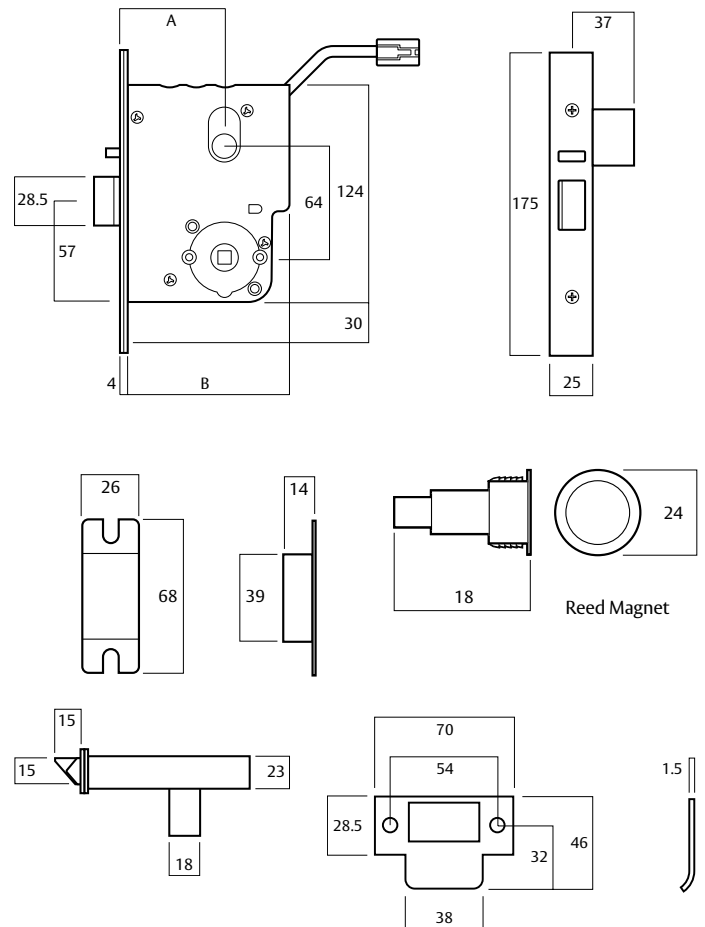
- Stainless Steel Latch and Faceplate
- Stainless steel plates that encapsulate the body against attempted vandalism
- Available in Monitored versions only

Monitoring Features

- Dead latched and Locked
- Door position/Reed switch
- Dual key override monitoring
- Request to exit/REX
- LED indication

Field Changeable Settings

- Fail safe/fail secure configuration.
- Multi-voltage - will work on 12-24 Vdc systems.
- Handing - left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring either side of the door
- Monitoring contacts – normally closed, normally open (for key override and request to exit only)

Reed Magnet

3579 Series Electric Mortice Lock Ordering Procedure

Part Number	Product Description
3579ELM0SC	Electric Mortice Lock 3579 Primary Lock 60 mm Mon
4579ELM0SC	Electric Mortice Lock 3570 Primary Lock 89 mm Mon
5579ELM0SC	Electric Mortice Lock 3570 Primary Lock 127 mm Mon

Specification Statement

The lock body should be encapsulated with stainless steel The lock should be capable of operation on voltages between 12 – 24Vdc and have a current consumption not more than 80mA (holding) @12Vdc and 50mA (holding) @24Vdc. Monitored locks must be capable of monitoring the following functions: Key override, door position / reed switch, selectable hub / Request to exit, & locking bar status. All monitoring outputs must have the ability to be wired independently. All settings – including: fail safe / fail secure, handing, hub selection must be field configurable.

3579HS Series Electric Mortice Lock

Designed and manufactured in Australia, the 3579HS series electric mortice is designed for unique applications where fail secure functionality is required externally with fail safe functionality on the inside. To achieve this function the lock must be used in conjunction with an electric strike.

The 3579HS is constructed from the same material as the 3579 counterpart.

Product Details

Voltage	12Vdc - 24Vdc Operating Voltage
Current	500mA (max) 80mA holding @ 12Vdc 275mA (max) 50mA holding @ 24Vdc
LED Current	When LED's are fitted, add 15mA (max) to total current draw
Monitoring	Dual Key override Deadlatched Locked Door closed Request to exit Microswitches: 500mA (max) @ 30Vdc each circuit Reedswitch: 100mA (max) @ 30Vdc
Environment	Operational temperature range -20c to + 60c
Case/Cover	High purity Zinc alloy construction with Stainless Steel plates
Backset	60mm standard, 89 & 127mm available
Latch Bolts	Reversible with Stainless Steel construction
Door Clearance	3 - 6.5mm
Door Thickness	Standard applications 32 to 50mm
Cylinder	Standard Lockwood oval shaped cylinders
Cabling	1.6 metre length of cable with 12 pin socket supplied with each lock. Recommended cable: 18AWG (0.82mm²) cable runs up to 30m
Furniture	Compatible with Lockwood series door furniture
Standard Finishes	Satin Chrome **(SC)** standard and Bright Chrome **(CP)**

Standards and Compliance

SL8	Australian Lock Standard (AS4145.2.1993) (when used with equivalent security level keying system)
D8	(Durability) Australian Lock Standard (AS4145.2.1993)
🔥	Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)
⌁	C-Tick Certified
	SCEC endorsed for secure areas

25YEAR MECHANICAL WARRANTY

3579HS Series Electric Mortice Lock

Key Features

Designed with flexibility in mind, the one lock can cover all functions and is easily configured on site for the required application.

- Stainless Steel Latch and Faceplate
- Stainless steel plates that encapsulate the body against attempted vandalism
- Available in Monitored versions only

Monitoring Features

- Dead latched and Locked
- Door position/Reed switch
- Dual key override monitoring
- Request to exit/REX
- LED indication

Field Changeable Settings

- Fail safe/fail secure configuration.
- Multi-voltage - will work on 12-24 Vdc systems
- Handing - left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring either side of the door
- Monitoring contacts – normally closed, normally closed

Note: this lock is designed to operate in conjunction with an electric strike. The lock will never unlock electrically from the external side.

Lock Functions

The 3579HS series lock is designed to provide internal emergency egress on doors whereby the door remains secure on the outside in the event of a fire alarm or break glass event.

A typical door set up would include the following hardware:

- Proximity readers on both sides of the door to gain access either way
- 3579HS Electric Mortice Lock set to fail safe inside. Note the lock remains in the locked state (externally)100% of the time if power is applied or not.
- Electric strike set to fail secure
- Break glass or Fire Panel connected to the mortice lock only

To enter or exit the door the user would swipe a proximity card to the reader. Upon authorisation from the EAC panel the electric strike would unlock, allowing the user to open the door. The electric mortice lock does not change state.

In the event of an emergency (fire alarm or break glass activation), power is cut to the electric mortice lock & places it in a fail safe mode on the internal side only. The mortice lock remains in a fail secure state on the external side.

Note: The 3579HS Series lock can never be electrically unlocked from the outside. A secondary locking device (electric strike) must be used in conjunction with this lock.
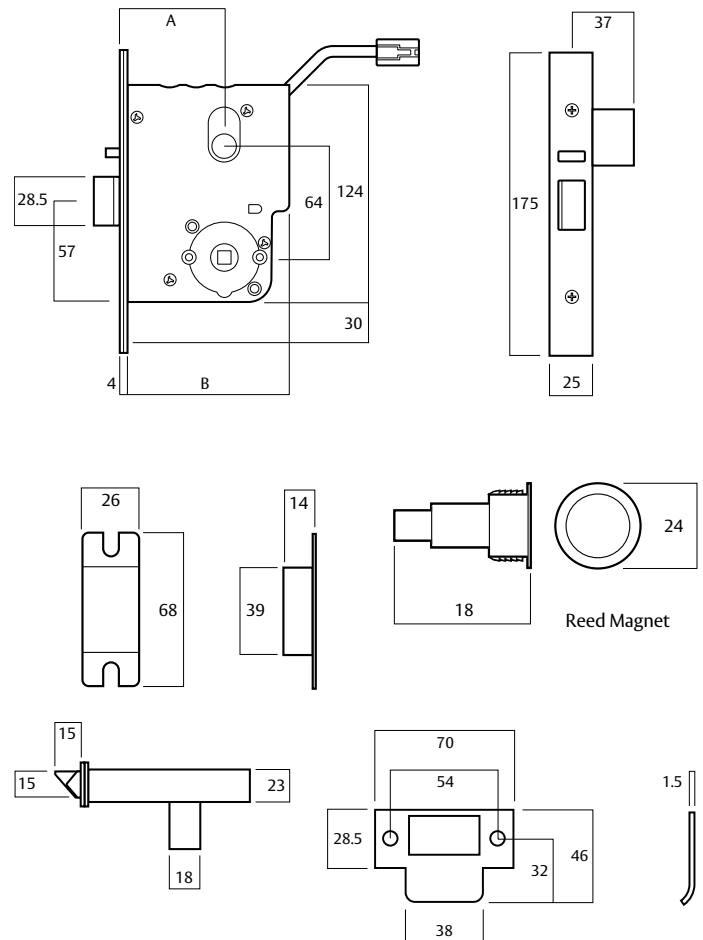
3579 Series Electric Mortice Lock Ordering Procedure

Part Number	Product Description
3579HSELM0SC	High Security Elec Mortice 3579HS Primary Lock 60 mm
4579HSELM0SC	High Security Elec Mortice 3579HS Primary Lock 89 mm
5579HSELM0SC	High Security Elec Mortice 3579HS Primary Lock 127 mm

Specification Statement

The lock body should be encapsulated with stainless steel The lock should be capable of operation on voltages between 12 – 24Vdc and have a current consumption not more than 80mA (holding) @12Vdc and 50mA (holding) @24Vdc. Monitored locks must be capable of monitoring the following functions: Key override, door position / reed switch, selectable hub / Request to exit, & locking bar status. All monitoring outputs must have the ability to be wired independently. All settings – including: fail safe / fail secure, handing, hub selection must be field configurable. The lock must be capable of operating in fail safe mode internally and fail secure mode externally when used in conjunction with an electric strike.

25YEAR MECHANICAL WARRANTY

Hi-O Room Guard Locking System

The Room Guard Locking System is based on state of the art Hi-O technology platform developed by ASSA ABLOY.

Bringing a new dimension to electronic locking systems as we know them today, the Hi-O platform has enabled this unique product offering that is designed for ease of use and simplified installation.

The system provides electronic lock control of multiple doors for any room requiring privacy by the occupants. The most common applications are shared bathrooms in hospitals and conference rooms with dual entries. The intelligence is embedded in the locking devices themselves, resulting in a plug and play system without the need for a door controller to lock and unlock the door; therefore extremely easy to install and cost effective.

Key Features

- One touch privacy
- All components supplied in one neat kit
- Plug and Play connectivity
- No requirement for external door controller or EAC system
- Fast, accurate and cost effective installation

Applications

- Shared bathrooms
- Conference rooms
- Laboratories

Function

Locking the door

- Enter either door and close door
- Activate internal turn knob
- Both doors automatically lock - outside
- External handles indicate red (locked)

To unlock/exit

- Activate internal lever on either door
- Both doors automatically unlock
- External handles indicate green (unlocked)

Note: In the event of an emergency, the doors may be unlocked externally via emergency override switches if fitted.
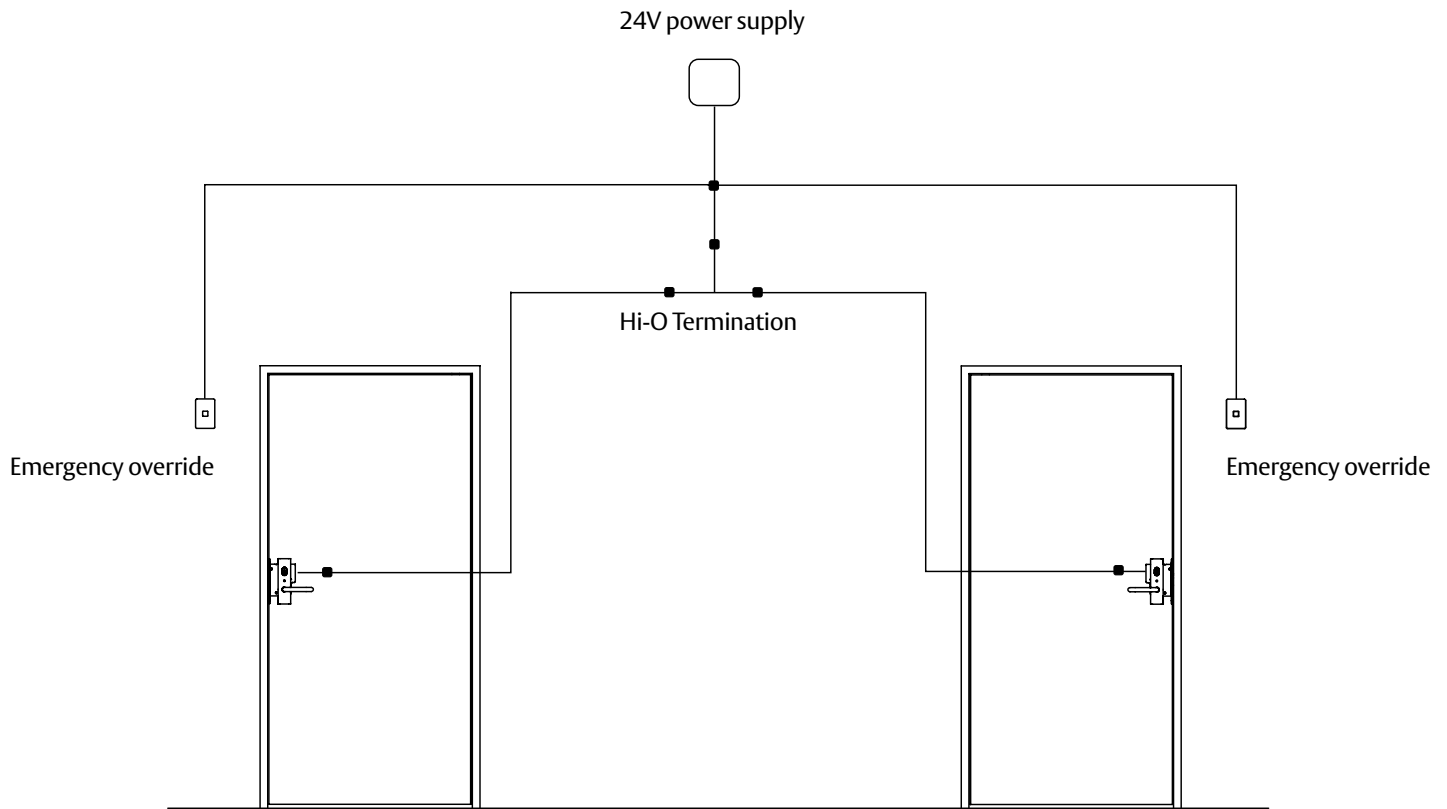
Standards and Compliance

Successfully fire rated up to 4 hours on fire door assemblies in accordance with AS1905.1. 2007

Two Door Installation Layout

24V power supply

Hi-O Termination

Emergency override

Emergency override

Installation Overview

The Room Guard Locking System does not require an external door controller to lock or unlock the door. The electric mortice locks are simply plugged together, connected to the emergency override switches and then plugged into the power supply.

Note: The use of emergency override switches may not be required. In that case, the power supply is connected directly to mortice locks.

25YEAR MECHANICAL WARRANTY

Hi-O Room Guard Locking System

Ordering Information

Part Number	Product Description
3570ELHRG0SC	Hi-O Room Guard Mortice Lock
EA280	Power Transfer
RG3SC	Room Guard Turn Knob Assembly
HPS-24VDC	24Vdc Power supply unit
HLM-004	4 Way Adaptor
HLM-018	Override Switch Wire – 15M
HLM-008	8M Extension Cable
HLM-011	Terminal Strip Adaptor (PAIR)
HLM-012	Hi-O Termination Socket
HPM-SW1	Emergency Switch
HPM-FP1	Faceplate for Emergency Switch

Room Guard Kit - Contents

Contents	Qty
Hi-O Room Guard Mortice Lock	**2**
Power Transfer	**2**
Room Guard Turn Knob Assembly	**2**
24Vdc Power supply unit	**1**
4 Way Adaptor	**1**
Override Switch Wire – 15M	**2**
8M Extension Cable	**2**
Terminal Strip Adaptor (PAIR)	**1**
Hi-O Termination Socket	**1**
Emergency Switch	**2**
Faceplate for Emergency Switch	**2**

Accessories Ordering Information

Part Number	Product Description
3570HRGKIT	Room Guard Kit – 2 doors
1822/70SC	Exterior door furniture with LED
1920/70SC	Interior door furniture

Ordering Information

The Room Guard Kit contains all necessary components and power supply to install a two door system. The door furniture must be ordered separately.

1. Order Room Guard two door kit
2. Order door furniture for two doors

Additional Information

- For alternative door furniture options and finishes, refer to Lockwood Product Catalogue Section 3.70 – Plate Door Furniture
- Locks are designed to work in fail safe mode
- Locks are non handed and can be configured on site

3580 Series Electric Mortice Lock

Designed and manufactured in Australia, the 3580 Series Electric Mortice Lock is a high performance lock of superior quality. It is constructed from high grade zinc alloy, with a stainless steel latch bolt and face plate and is suited for all commercial applications.

The lock can be operated by push buttons, intercom systems and key switches or integrated with electronic access control systems for use with higher security devices such as keypads or card readers.

The 3580 Series is available in a wide variety of configurations to suit varying requirements and is especially suited to narrow style or short backset applications.

Key Features

Available in non monitored and monitored versions.

Monitoring features:

- Dead latched
- Door position/reed switch
- Key override
- Request to exit/REX

Available configurations:

- Fail safe or fail secure
- 12Vdc or 24Vdc
- Field changeable monitoring contacts – normally closed, normally open
- Field changeable handing – left hand and right hand doors
- Selection of free lever or locked lever on both sides of the door
- Key override monitoring
- LED indication

Standards and Compliance

|	
S2	(Security) Australian Lock Standard (AS4145.2.1993)
D3	(Durability) Australian Lock Standard (AS4145.2.1993)
✔	C-Tick Certified

Product Details

Voltage	Available in 12Vdc - 24Vdc
Current	12Vdc ± 5% 250mA (max) 24Vdc ± 5% 125mA (max)
LED Current	When LEDs are fitted, add 15mA (max) to total current draw
Monitoring	Key override Deadlatched and door closed Request to exit Hub/deadlatch/key override monitor: max ratings 500mA @ 30Vdc Door status monitor: max ratings 3W, 250mA (max) @ 12Vdc, 125mA (max) @24Vdc
Environment	Operational temperature range -20°C to +60°C
Case/Cover	High purity zinc alloy construction
Backset	23mm standard, 25.4, 30 and 38 mm extended available
Latch bolts	15mm stainless steel construction
Door Clearance	3 - 6.5 mm
Door thickness	Standard applications 32 to 50mm Extension kits available
Cylinder	Standard Lockwood oval shaped cylinders
Cabling	3.6 metre length of cable with 9 pin socket supplied with each lock Recommended cabling: 18AWG (0.82mm2) cable runs up to 30m
Furniture	Compatible with Lockwood series door furniture
Finishes	Satin Chrome **(SC)** standard, Bright Chrome **(CP)** and Polished Brass **(PB)**

25YEAR MECHANICAL WARRANTY

3580 Series Electric Mortice Lock
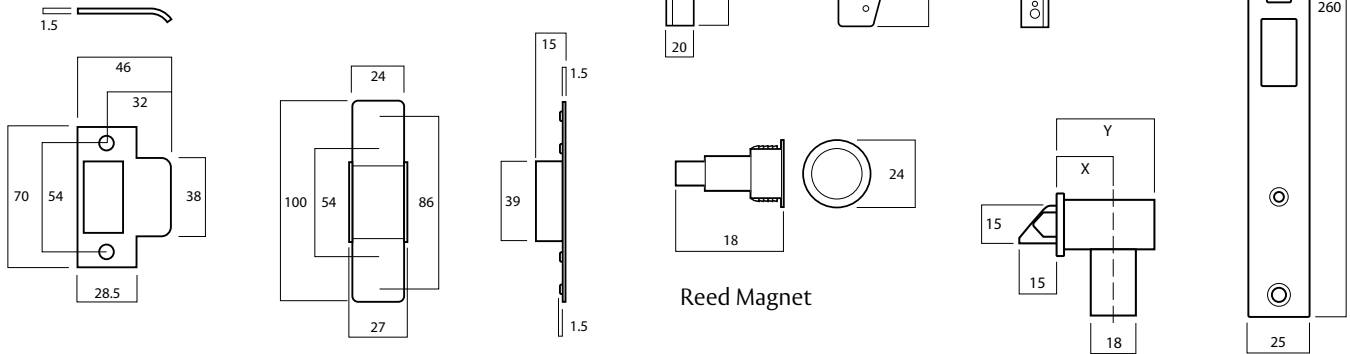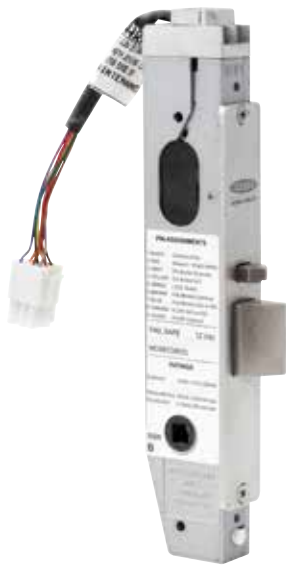
Reed Magnet

Limiting Dimensions

Dimensions	Backset			
X	23	25.4	30	38
Y	36.4	39	43.6	51.7

Specification Statement

The lock should be capable of operation on voltages of 12 or 24Vdc and have a current consumption not more than 250mA (max) @12Vdc and 125mA (max) @24Vdc. Monitored locks must be capable of monitoring the following functions: key override, door position/reed switch and independent hub/ request to exit. All monitoring outputs must have the ability to be wired independently. The lock must be capable of operating fail safe or fail secure, left or right hand and have field configured hub selection.

3580 Series Electric Mortice Lock

Ordering Procedure

Sample part number 3582ELAM2RSC62 is made up of several sections.
Choose your product by selecting an option from each section.

Backset	Door Material		Lock Function		New Product	Safety Function	Sub Function		Handing	Finish
3	**58**	/	**2**	/	**EL**	**A**	**M2**		**R**	**SC**

Backset

23 mm	3
25.4 mm	4
30 mm	5
38 mm	6

Door Material

Metal	58
Timber	59

Lock Function

Vestibule Lock	2
Combination Lock	4

Lever/Knob

EL	

Safety Function

Fail Safe (Power to lock)	A
Fail Secure (Power to unlock)	E

Sub Function

Non-Monitored Lock (0 Cylinders)	N0
Non-Monitored Lock (1 Cylinder)	N1
Non-Monitored Lock (2 Cylinders)	N2
Monitored Lock (0 Cylinders)	M0
Monitored Lock (1 Cylinder)	M1
Monitored Lock (2 Cylinders)	M2
Monitored Lock including KOM (0 Cylinder)	M4
Monitored Lock including KOM (1 Cylinder)	M5
KOM (Key override monitoring)	

Handing

Right Handed	R
Left Handed	L

Finish

Bright Chrome	CP
Polished Brass	PB
Satin Chrome	SC

Options

|	
Backset Nominate backset as required, e.g. 23mm	**3**
Door Material Nominate door material, e.g. Metal	3**58**
Lock Function Select function, e.g. Vestibule Lock	358**2**
Electrical Variant Indicate that this is an Electric Lock	3582**EL**
Safety Function Select whether lock should be Fail Secure or Fail Safe, e.g. Fail Safe	3582EL**A**
Monitoring and Key Override Options Select monitoring and cylinders to be supplied, e.g. Monitored Lock with two cylinders	3582ELA**M2**
Handing Determine left or right handing, e.g. Right Handed	35782ELAM2**R**
Finish Specify appropriate finish, e.g. Satin Chrome	35782ELAM2R**SC**
Options Specify 24Vdc option when required	3582ELAM2RSC**62**

Accessories Ordering Information

Part Number	Product Description
3580-2902AC##	Anti-Clockwise Rebate Kit with finish code (SC, CP, PB) Replace ##
35802902CW##	Clockwise Rebate Kit Replace ## with finish code (SC, CP, PB)
SP572-3129	LED Assembly to suit 3570/3580
SP3580-1052	7.5m extended 9 wire cable

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Accessories

| Finish	Anti-clockwise	Clockwise
Satin Chrome	3580-2902ACWSC	3580-2902CWSC
Bright Chrome	3580-2902ACWCP	3580-2902CWCP
Polished Brass	3580-2902ACWPB	3580-2902CWPB

Rebate kits to suit 13 mm rebated timber doors with a minimum backset of 30 mm include an adaptor to mount the lock and a special strike plate. Handing of the rebate kits is determined by the opening movement of the door on which the lock is fitted.
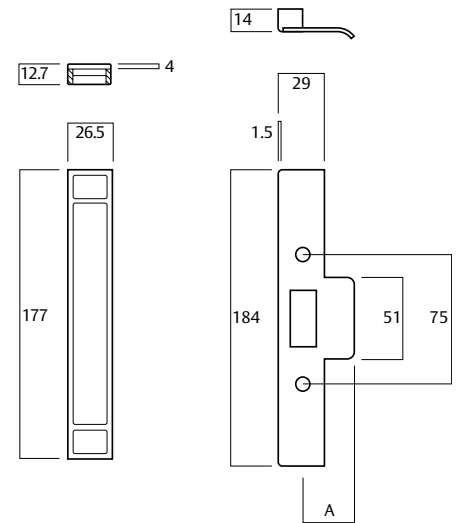
Extended Cylinders

"A" Cylinder Projection	Cylinder Length	Recommended Door Thickness
41	37	50 to 60
52	48	60 to 48
64	60	84 to 108
80	76	108 to 132
88	84	132 to 156

Extended cylinders should be considered when door thickness exceeds 50 mm or when the lock is mounted off centre in the door edge. A range of cylinders is available to suit various door thicknesses. Refer to ASSA ABLOY Australia Keying and Restricted Price List for further information.
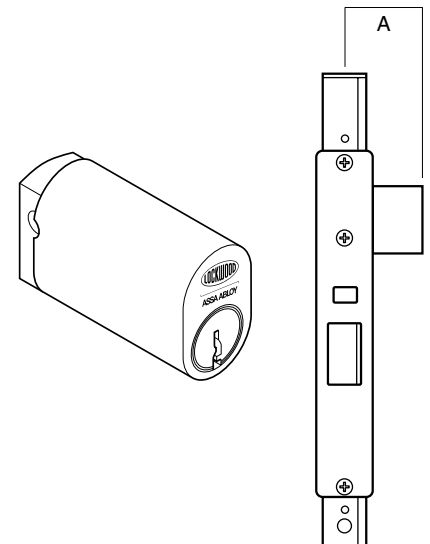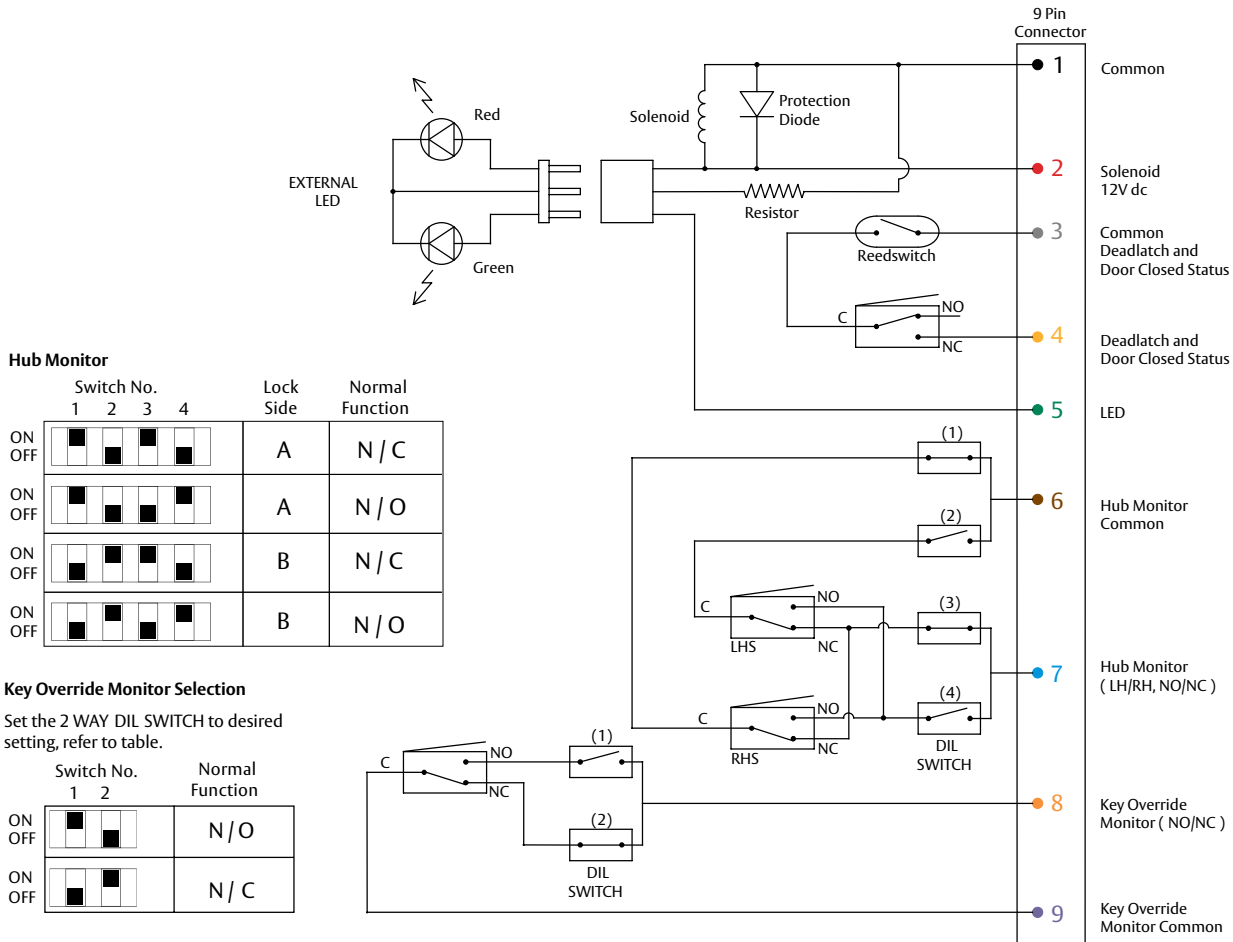
3580 Series Electric Mortice Lock

Electrical Specifications

Circuit Diagram

Note: Diagram depicts fail safe 12V RH opened door, with handle and key in rest state.

Hub Monitor

Switch No. 1 2 3 4	Lock Side	Normal Function
ON / OFF	A	N / C
ON / OFF	A	N / O
ON / OFF	B	N / C
ON / OFF	B	N / O

Key Override Monitor Selection

Set the 2 WAY DIL SWITCH to desired setting, refer to table.

Switch No. 1 2	Normal Function
ON / OFF	N / O
ON / OFF	N / C

9 Pin Connector

1 — Common
2 — Solenoid 12V dc
3 — Common Deadlatch and Door Closed Status
4 — Deadlatch and Door Closed Status
5 — LED
6 — Hub Monitor Common
7 — Hub Monitor (LH/RH, NO/NC)
8 — Key Override Monitor (NO/NC)
9 — Key Override Monitor Common

Pin	Colour	Function
1	Black	Common (0Vdc)
2	Red	Solenoid (12Vdc or 24Vdc)
3	Grey	Deadlatch and Door Closed Status (common)
4	Yellow	Deadlatch and Door Closed Status
5	Green	LED
6	Brown	Hub Monitor (common)
7	Blue	Hub Monitor (RH/LH, NO/NC)
8	Orange	Key Override Monitor (NO/NC)
9	Violet	Key Override Monitor (common)

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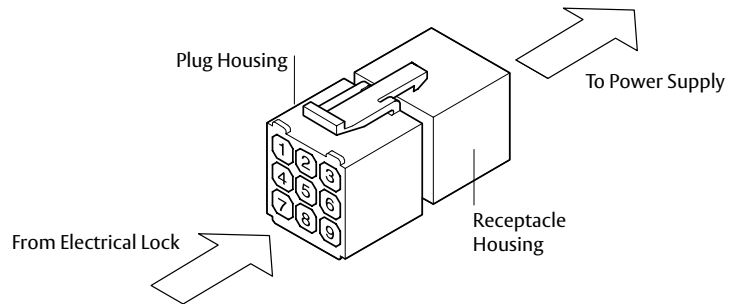
The LC8810 and LC8811 Power Transfer Lead Covers are designed to ensure unbroken transfer of wires between door and frame in electric locking situations.

Features

- Provides unbroken connection from controller to lock, for cable up to 8 mm diameter
- Vandal-resistant chrome plated flexible steel
- Completely concealed when the door is closed

Applications

LC8810

The LC8810 is a shorter unit suitable for hinged doors which open to 90° (maximum of 120°).

LC8811

The LC8811 is designed for use on doors which open more than 120°, or have a gap from pin hinge to door frame of more than 20 mm.
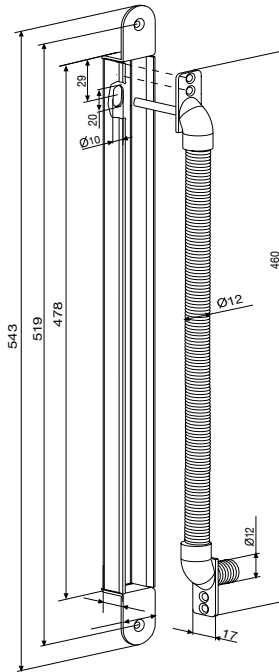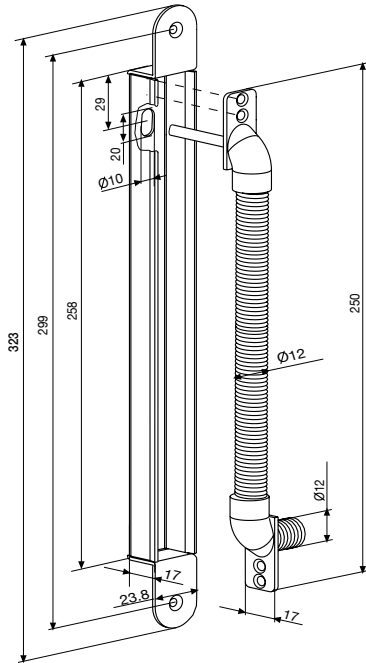
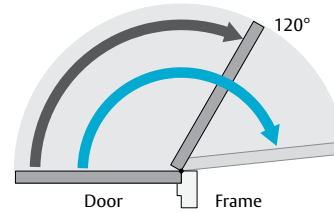**Note:** Not suitable for centrally pivoted doors.

Standards and Compliance

Successfully fire rated up to 4 hours on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire Resistant Doorsets)

Power Transfer Lead Covers
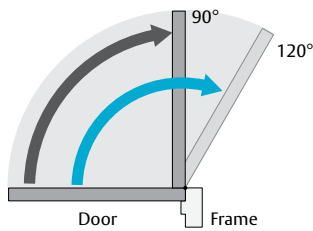
LC8810

The LC8810 is a shorter unit suitable for hinged doors which open to 90° (maximum of 120°).

LC8811

The LC8811 is designed for use on doors which open more than 120°, or have a gap from pin hinge to door frame of more than 20 mm.

Note: Not suitable for centrally pivoted doors.

Ordering Information

Part Number	Product Description
LC8810	323mm Power Transfer Cable
LC8811	543mm Power Transfer Cable

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LOCKWOOD

ASSA ABLOY

Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

25YEAR MECHANICAL WARRANTY

The Lockwood 25 Year Mechanical Warranty

Our belief that we manufacture the finest premium products available in today's market place is backed by the Lockwood 25 Year Mechanical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit **www.lockweb.com.au** or call **1300WARRANTY**

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PLEASE RECYCLE THIS PACKAGING

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