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

S8	(Security) Australian Lock Standard (AS4145.2.2008) (when used with equivalent security level keying system)
D8	(Durability) Australian Lock Standard (AS4145.2.2008)
	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

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.

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Key Features

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

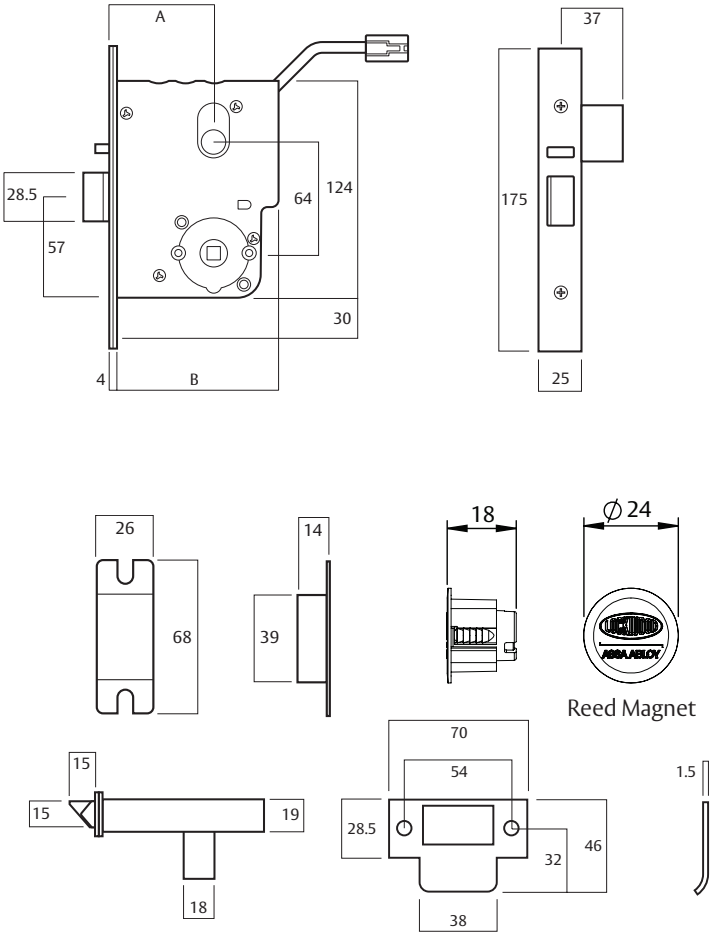
Available in non monitored and monitored versions.

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

Sub 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

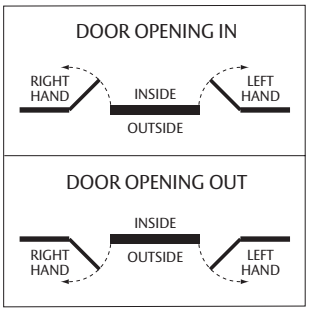
Finish

Satin Chrome	SC

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



Backset Nominate backset as required, e.g. 60mm	**3**
Fixing Select the desired fixing method, e.g. Standard Fixing 35	3**5**
Lock Function Select function, e.g. Vestibule Lock	357**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	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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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 - 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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Accessories - Rebate Kits

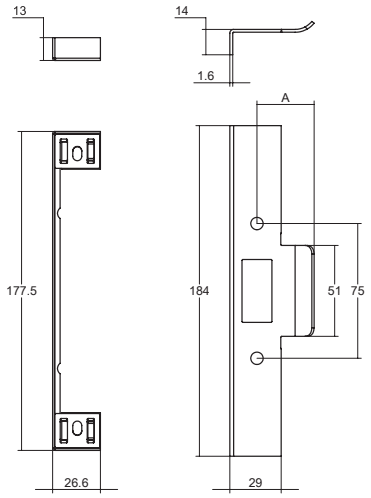
Part Numbers	"A"	Finish
3772-RK32CP **3772-RK46CP**	32 46	Chrome Plate
3772-RK32PB **3772-RK46PB**	32 46	Polished Brass
3772-RK32SS **3772-RK46SS**	32 46	Satin Stainless Steel

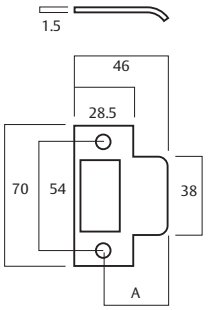
Accessories - Long Lipped Strikes

Part Numbers	"A"	Finish
3772-STK43CP **3772-STK47CP**	43.5 47.5	Chrome Plate
3772-STK43PB **3772-STK47PB**	43.5 47.5	Polished Brass
3772-STK43SS **3772-STK47SS**	43.5 47.5	Satin Stainless Steel

Accessories - Cable Accessories

Part Numbers	Finish
SP572-3129	LED assembly to suit 3570/3580 (suits furniture for monitored locks)
SP3570-1055	Extended 7.5M cable (12 wire) to suit 3570 locks
SP3570-5871	9/12 wire adaptor
LC8810	323mm Power Transfer Cable
LC8811	543mm Power Transfer Cable





Long Lipped Strike

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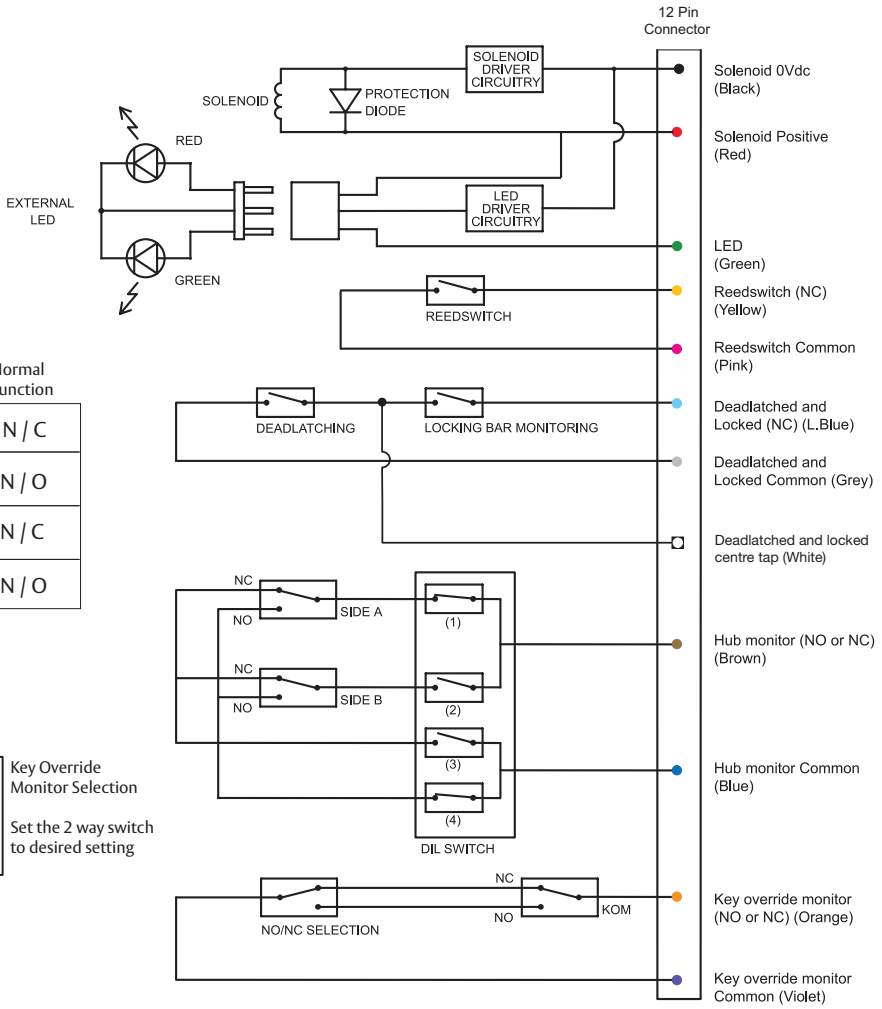
Electrical Specifications

Circuit Diagram

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

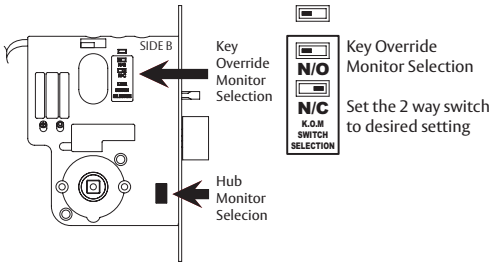


DIL Switch Settings

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



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)