For product availability please refer to the current price list, contact customer service or your local sales office.
Electric Mortice Locks
3570 Series Electric Mortice Lock

General Information
Designed and manufactured in Australia, the 3570 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.

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)

Standards and Compliance

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 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 4 hours on fire door assemblies in accordance with AS1905.1.2005  
(Part 1: Fire Resistant Doorsets) |
| ✔️ | C-Tick Certified |
| 3570 Series: SCCC endorsed for intruder resistant areas |
| 3579 Series: SCCC endorsed for secure areas |
Electric Mortice Locks
3570 Series Electric Mortice Lock

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 and locking bar status. All monitoring outputs must have the ability to be wired independently. All settings including fail safe / fail secure, handing and hub selection must be field configured.

3570 Technical Information

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Backset</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>60 89 127</td>
</tr>
<tr>
<td>B</td>
<td>100 129 167</td>
</tr>
</tbody>
</table>

Voltage
12Vdc - 24Vdc operating voltage

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

LED Current
When LEDs 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 and 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)

Note: For detailed electrical specifications, turn to page 5.43

Note: width of case increases from 19mm to 23 mm for 3579 series SCEC lock
### Electric Mortice Locks

#### 3570 Series Electric Mortice Lock

**Ordering Procedure**

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

For example:

<table>
<thead>
<tr>
<th>Backset</th>
<th>Fixing</th>
<th>Lock Functions</th>
<th>Electric Lock</th>
<th>Safety Function</th>
<th>Sub Function</th>
<th>Handing</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 mm</td>
<td>3</td>
<td>Primary Lock</td>
<td>EL</td>
<td>A</td>
<td>M2</td>
<td>R</td>
<td>SC</td>
</tr>
<tr>
<td>89 mm</td>
<td>4</td>
<td>Vestibule Lock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127 mm</td>
<td>5</td>
<td>Combination Lock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Backset
Nominate backset as required, e.g. 60mm

#### Fixing
Select the desired fixing method, e.g. Standard Fixing 35

#### Lock Function
Select function, e.g. Vestibule Lock

#### Electrical Variant
Indicate that this is an Electric Lock

#### Safety Function
Select whether lock should be Fail Secure or Fail Safe, e.g. Fail Safe

#### Sub Function
Non-monitored Lock (0 Cylinders) N0
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
Determine left or right handing, e.g. Right Handed

#### Finish
Specify appropriate finish, e.g. Satin Chrome

**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.
- Securafix locks are available in 60mm backset only and are made to order. 10 day lead time.
- See over page for primary lock part numbers.

**Handing Chart**

![Handing Chart Image]
Electric Mortice Locks

3570 Series Electric Mortice Lock

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) are stocked items. All other items are made to order, 10 day lead time.

Primary Electric Mortice Lock Ordering Procedure

<table>
<thead>
<tr>
<th>Description</th>
<th>No Cylinder</th>
<th>1 Cylinder</th>
<th>2 Cylinders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric Mortice Lock 3570 Primary Lock 60 mm Backset Non Monitored</td>
<td>3570ELN0SC</td>
<td>3570ELN1SC</td>
<td>3570ELN2SC</td>
</tr>
<tr>
<td>Electric Mortice Lock 4570 Primary Lock 89 mm Backset Non Monitored</td>
<td>4570ELN0SC</td>
<td>4570ELN1SC</td>
<td>4570ELN2SC</td>
</tr>
<tr>
<td>Electric Mortice Lock 5570 Primary Lock 127 mm Backset Non Monitored</td>
<td>5570ELN0SC</td>
<td>5570ELN1SC</td>
<td>5570ELN2SC</td>
</tr>
<tr>
<td>Electric Mortice Lock 3570 Primary Lock 60 mm Backset Monitored</td>
<td>3570ELM0SC</td>
<td>3570ELM1SC</td>
<td>3570ELM2SC</td>
</tr>
<tr>
<td>Electric Mortice Lock 4570 Primary Lock 89 mm Backset Monitored</td>
<td>4570ELM0SC</td>
<td>4570ELM1SC</td>
<td>4570ELM2SC</td>
</tr>
<tr>
<td>Electric Mortice Lock 5570 Primary Lock 127 mm Backset Monitored</td>
<td>5570ELM0SC</td>
<td>5570ELM1SC</td>
<td>5570ELM2SC</td>
</tr>
</tbody>
</table>

For product availability please refer to the current price list, contact customer service or your local sales office.
Electric Mortice Locks

3570 Series Electric Mortice Lock

Accessories - Rebate Kits

<table>
<thead>
<tr>
<th>Finish</th>
<th>&quot;A&quot;</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bright Chrome</td>
<td>32</td>
<td>3570-2905BC</td>
</tr>
<tr>
<td></td>
<td>46</td>
<td>3570-3905BC</td>
</tr>
<tr>
<td>Polished Brass</td>
<td>32</td>
<td>3570-2905PB</td>
</tr>
<tr>
<td></td>
<td>46</td>
<td>3570-3905PB</td>
</tr>
<tr>
<td>Satin Stainless Steel</td>
<td>32</td>
<td>3570-2905SC</td>
</tr>
<tr>
<td></td>
<td>46</td>
<td>3570-3905SC</td>
</tr>
</tbody>
</table>

Accessories - Long Lipped Strikes

<table>
<thead>
<tr>
<th>Finish</th>
<th>&quot;A&quot;</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bright Chrome</td>
<td>43.5</td>
<td>3570-5353CP</td>
</tr>
<tr>
<td></td>
<td>47.5</td>
<td>3570-5653CP</td>
</tr>
<tr>
<td>Polished Brass</td>
<td>43.5</td>
<td>3570-5353PB</td>
</tr>
<tr>
<td></td>
<td>47.5</td>
<td>3570-5653PB</td>
</tr>
<tr>
<td>Satin Stainless Steel</td>
<td>43.5</td>
<td>3570-5253SSS</td>
</tr>
<tr>
<td></td>
<td>47.5</td>
<td>3570-5453SSS</td>
</tr>
</tbody>
</table>

Accessories Ordering Information

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED assembly to suit 3570/3580 (suits furniture for monitored locks)</td>
<td>SP572-3129</td>
</tr>
<tr>
<td>7.5m extended 12 wire cable</td>
<td>SP3570-1055</td>
</tr>
<tr>
<td>9/12 wire adaptor to suit 3570 Series Electric Lock</td>
<td>SP3570-5861</td>
</tr>
<tr>
<td>323mm Power Transfer Cable</td>
<td>LC8810</td>
</tr>
<tr>
<td>543mm Power Transfer Cable</td>
<td>LC8811</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>&quot;A&quot; Cylinder Projection</th>
<th>Cylinder Length</th>
<th>Recommended Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>37</td>
<td>50 to 60</td>
</tr>
<tr>
<td>52</td>
<td>48</td>
<td>60 to 84</td>
</tr>
<tr>
<td>64</td>
<td>60</td>
<td>84 to 108</td>
</tr>
<tr>
<td>80</td>
<td>76</td>
<td>108 to 132</td>
</tr>
<tr>
<td>88</td>
<td>84</td>
<td>132 to 156</td>
</tr>
</tbody>
</table>
Electric Mortice Locks

3570 Series Electric Mortice Lock

**Electrical Specifications**

**Circuit Diagram**

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

**DIL Switch Settings**

<table>
<thead>
<tr>
<th>Hub Monitor</th>
<th>Lock Side</th>
<th>Normal Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON OFF</td>
<td>A</td>
<td>N/C</td>
</tr>
<tr>
<td>ON OFF</td>
<td>A</td>
<td>N/O</td>
</tr>
<tr>
<td>ON OFF</td>
<td>B</td>
<td>N/C</td>
</tr>
<tr>
<td>ON OFF</td>
<td>B</td>
<td>N/O</td>
</tr>
</tbody>
</table>

**Key Override Monitor Selection**

Set the 2 way switch to desired setting

**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)
Electric Mortice Locks
3570/3670 Series Proximity Mortice Lock and Furniture

General Information
When security, safety, functionality and stylish design are a priority, there's only one solution – Lockwood Proximity Furniture!

Incorporating proximity technology within its sleek external door plate, the reader connects directly to a Lockwood Electric Mortice Lock.

Easy to install and operate, Lockwood Proximity Furniture is available in a wide range of stylish levers and finishes to enhance any contemporary building design, bringing a new dimension to commercial security locking solutions.

One Install – One Connect. Comprising the Lockwood Electric Mortice Lock, HID Proximity Reader and Door Furniture.

Proximity Furniture™ is available in standard “through fix” and Securafix specifications.

Key Features
• Integrated proximity reader - 125 KHz HID Prox
• One install one connect
• Fully monitored

Monitoring Features:
• Dead latched and locked
• Door position/reed switch
• Dual key override
• Request to exit/REX

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
• LED indication
• Monitoring contacts – normally closed, normally open (for key override and request to exit only)

Standards and Compliance

<table>
<thead>
<tr>
<th>Standard</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Security) Australian Lock Standard (AS4145.2:2013)</td>
<td>when used with equivalent security level keying system</td>
</tr>
<tr>
<td>(Durability) Australian Lock Standard (AS4145.2:2013)</td>
<td></td>
</tr>
</tbody>
</table>

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

C-Tick Certified
3570/3670 Technical Information

HID Reader
- HID 125KHz Proximity Reader
- Data Output: Weigand
- Supply Voltage: 5-12Vdc
- LED: visual indication of reader / lock status

Lock Voltage
- 12Vdc - 24Vdc

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

Indicator
- LED signalling door status

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 -20°C to + 60°C

Case/Cover
- Furniture: Solid brass construction
- Lock: High purity zinc alloy construction

Backset
- Lock available in 60mm backset only

Latch Bolts
- Reversible 15mm stainless steel construction

Door Clearance
- 3 – 6.5mm

Door Thickness
- Standard applications 32 to 45mm standard

Cylinder
- Standard Lockwood oval shaped cylinders

Cabling
- 1.6 metre length of cable with 12 pin socket
- Recommended cabling: 18AWG (0.82mm²) cable runs up to 30m

Mortice Lock
- Compatible with Lockwood 3572PL and 3672PL
- Electric Mortice Lock

Standard Finishes
- Satin Chrome (SC) standard, Bright Chrome (CP) and Polished Brass (PB)

Note: For detailed electrical specifications, turn to page 5.47

Specification Statement

The lock and door furniture should encompass an integrated proximity reader, capable of reading HID 125khz proximity technology with card formats up to 85bits. Operational voltage should be between 12-24Vdc. The lock must be capable of monitoring the following functions: key override, door position / reed switch, independent hub / request to exit and locking bar status. All settings including fail safe / fail secure, handing and hub selection must be field configured.
Electric Mortice Locks
3570/3670 Series Proximity Mortice Lock and Furniture

Ordering Procedure
Sample part number 3570PLM0SC is made up of several sections. Choose your product by selecting an option from each section.

For example:

<table>
<thead>
<tr>
<th>Backset</th>
<th>Fixing</th>
<th>Lock Functions</th>
<th>Proximity Lock</th>
<th>Monitoring</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 mm</td>
<td>5</td>
<td>Primary Lock</td>
<td>Proximity Lock</td>
<td>M0</td>
<td>SC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plate Type</th>
<th>Plate Function</th>
<th>Fixing</th>
<th>Lever/Knob</th>
<th>Handing</th>
<th>Finishes</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>78</td>
<td>SF</td>
<td>70</td>
<td>R</td>
<td>CP</td>
<td>55</td>
</tr>
</tbody>
</table>

Proximity Furniture Ordering Procedure
Sample Part Number 1878SF70RC55 is made up of several sections. Choose your product by selecting an option from each section.

For example:

<table>
<thead>
<tr>
<th>Plate Type</th>
<th>Plate Function</th>
<th>Fixing</th>
<th>Lever/Knob</th>
<th>Handing</th>
<th>Finishes</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior Square End</td>
<td>18</td>
<td>SF</td>
<td>(no suffix)</td>
<td>R</td>
<td>CP</td>
<td>32-45mm (no suffix)</td>
</tr>
<tr>
<td>Exterior Round End</td>
<td>28</td>
<td></td>
<td>SF</td>
<td></td>
<td></td>
<td>45-55mm 55</td>
</tr>
<tr>
<td>Door Thickness</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
</tbody>
</table>

Securafix®Ordering Notes
- One internal plate and one external plate is required for each lock.
- For each set of furniture plates, one must be handed R and one handed L. Furniture plates are ordered separately to the lock.
- The handing of Securafix plates cannot be changed.

Accessories Ordering Information

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 wire cable extension 7.5m length</td>
<td>3570-1055</td>
</tr>
<tr>
<td>125 KHz HID reader assembly for prox furniture</td>
<td>prox1-125kHz</td>
</tr>
</tbody>
</table>

For product availability please refer to the current price list, contact customer service or your local sales office.
Electric Mortice Locks
3570/3670 Series Proximity Mortice Lock and Furniture

Pin | Colour | Function
---|-------|-------
1  | Black | Common 0Vdc
2  | Red   | Solenoid Positive
3  | L. Blue | Deadlatch Monitor N/C
4  | Blue  | Door Monitor Reed N/C
5  | Grey  | Hub Monitor N/O or N/C
6  | Violet | Key Override Monitor N/O or N/C
7  | Brown | Monitor Common
8  | Pink  | Reader Power 5-12Vdc
9  | Orange| Green LED
10 | Yellow| Reader 0Vdc
11 | Green | Weigand Data 0
12 | White | Weigand Data 1
Electric Mortice Locks

3570 Series Room Guard Electric Mortice Lock and Controller

The Room Guard privacy controller system provides electronic lock control of multiple doors for any room requiring privacy by the occupants. The most common applications are shared ensuites in hospitals and conference rooms with two or more entry doors.

The system allows all doors to be locked and unlocked from any door in the system. Each lock provides a clear visual indication, both inside and outside, which displays the locked/unlocked status of the door at a glance.

**Features**
- Uses standard 3570EL Series Mortice Lock
- Non-handed – all settings are field configured
- One touch privacy
- Clear visual indication - LED furniture
- Unique integrated turn knobs
- Emergency override

**Applications**
- Shared ensuites/toilets
- Darkroom studios
- Conference rooms
- Laboratories
- Any area for which “one touch” privacy locking is required

**Function**
In the dormant state, all locks are unlocked and the LED on the external furniture plate indicates green.

**To lock the lock**
1. Close all doors
2. Activate one of the turn knobs located on the inside of the door
3. Simultaneously the lever handles on the outside of each door will lock and the LED furniture indication will change to red (inside lever will remain free at all times)

**To unlock the room**
1. Operate the inside lever of either lock
2. Simultaneously the locks will unlock and the LED furniture indication will return to green

**Standards and Compliance**

<table>
<thead>
<tr>
<th>Standards and Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S3</strong></td>
</tr>
<tr>
<td><strong>D3</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
**Electric Mortice Locks**

### 3570 Series Room Guard Electric Mortice Lock and Controller

#### 3570 Technical Information

**Voltage**  
12Vdc - 24Vdc

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

**LED Current**  
When LEDs are fitted, add 15mA (max) to total current draw

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

**Environment**  
Operational temperature range -20°C to +60°C

**Case/Cover**  
High purity zinc alloy construction

**Backset**  
60mm standard, 89 and 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)

**Furniture**  
Compatible with Lockwood Series Door Furniture

**Standard Finishes**  
Satin Chrome (SC) standard, Bright Chrome (CP) and Polished Brass (PB)

#### Accessories Ordering Information

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5m extended 12 wire cable</td>
<td>SP3570-1055</td>
</tr>
<tr>
<td>9/12 wire adapter to suit 3570 Series Electric Lock</td>
<td>SP3570-5861</td>
</tr>
</tbody>
</table>

#### Specification Statement

Locking control of the room must be via a standalone door controller independent of the building electronic access control system. The controller shall be capable of providing simultaneous locking/unlocking of up to 4 locks via internal integrated turn knobs. Emergency egress or unlocking to be achieved via single downward action of internal lever or externally mounted override switch. The locks should be capable of operation on voltages between 12 – 24Vdc. All lock settings including fail safe/fail secure, handing and hub selection must be field configured.

#### Ordering Information

**Product Description**

- Room Guard Privacy Controller plus regulated power supply (12Vdc, 1.5AMP)  
  - Part Number: RG2PS or RG2

- Room Guard Privacy Controller turn knobs  
  - Part Number: RG3SC

- Electric Mortice Locks  
  - Part Number: 3570ELM05C

- Power transfer devices  
  - Part Number: LB810

- Exterior door furniture  
  - Part Number: 1822/70SC

- Interior door furniture  
  - Part Number: 1920/70SC

- 7.5M extended cables  
  - Part Number: SP3570-1055

**Note:** Due to the variety of installation décor, Lockwood does not supply emergency release push buttons. However, we recommend a Clipsal model 31 architrave mounting plate with model 30MBP push button, or equivalent, available from most electrical wholesalers.
Electric Mortice Locks
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**

<table>
<thead>
<tr>
<th>S2</th>
<th>(Security) Australian Lock Standard (AS4145.2.1993)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D3</td>
<td>(Durability) Australian Lock Standard (AS4145.2.1993)</td>
</tr>
<tr>
<td>C-Tick Certified</td>
<td></td>
</tr>
</tbody>
</table>
3580 Technical Information

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

**Note:** For detailed electrical specifications, turn to page 5.54

### Accessories Ordering Information

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

**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.
**Electric Mortice Locks**

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.

For example:

<table>
<thead>
<tr>
<th>Backset</th>
<th>Door Material</th>
<th>Lock Function</th>
<th>New Product</th>
<th>Safety Function</th>
<th>Sub Function</th>
<th>Handing</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 mm</td>
<td>3</td>
<td>Vestibule Lock</td>
<td>EL</td>
<td>A</td>
<td>M2</td>
<td>R</td>
<td>SC</td>
<td>62</td>
</tr>
<tr>
<td>25.4 mm</td>
<td>4</td>
<td>Combination</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 mm</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38 mm</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Backset**: Nominate backset as required, e.g. 23mm
- **Door Material**: Nominate door material, e.g. Metal
- **Lock Function**: Select function, e.g. Vestibule Lock
- **Electrical Variant**: Indicate that this is an Electric Lock
- **Safety Function**: Select whether lock should be Fail Secure or Fail Safe, e.g. Fail Safe
- **Monitoring and Key Override Options**: Select monitoring and cylinders to be supplied, e.g. Monitored Lock with two cylinders
- **Handing**: Determine left or right handing, e.g. Right Handed
- **Finish**: Specify appropriate finish, e.g. Satin Chrome
- **Options**: Specify 24Vdc option when required

For product availability please refer to the current price list, contact customer service or your local sales office.
Electric Mortice Locks
3580 Series Electric Mortice Lock

Accessories
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.

<table>
<thead>
<tr>
<th>Finish</th>
<th>Anti-clockwise</th>
<th>Clockwise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Chrome</td>
<td>3580-2902ACWSC</td>
<td>3580-2902CWSC</td>
</tr>
<tr>
<td>Bright Chrome</td>
<td>3580-2902ACWCP</td>
<td>3580-2902CWCP</td>
</tr>
<tr>
<td>Polished Brass</td>
<td>3580-2902ACWPB</td>
<td>3580-2902CWBP</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>&quot;A&quot; Cylinder Projection</th>
<th>Cylinder Length</th>
<th>Recommended Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>37</td>
<td>50 to 60</td>
</tr>
<tr>
<td>52</td>
<td>48</td>
<td>60 to 84</td>
</tr>
<tr>
<td>64</td>
<td>60</td>
<td>84 to 108</td>
</tr>
<tr>
<td>80</td>
<td>76</td>
<td>108 to 132</td>
</tr>
<tr>
<td>88</td>
<td>84</td>
<td>132 to 156</td>
</tr>
</tbody>
</table>
**Electrical Specifications**

**Circuit Diagram**

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

---

**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)
Electric Mortice Locks
Power Transfer Lead

LC8810
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)
**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

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>323mm Power Transfer Cable</td>
<td>LC8810</td>
</tr>
<tr>
<td>543mm Power Transfer Cable</td>
<td>LC8811</td>
</tr>
</tbody>
</table>

For product availability please refer to the current price list, contact customer service or your local sales office.
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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.

As the world’s leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company in the market.

Australia
1300 LOCK UP (1300 562 587)
lockweb.com.au

New Zealand
+64 9415 7111
assaabloy.co.nz