

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

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)



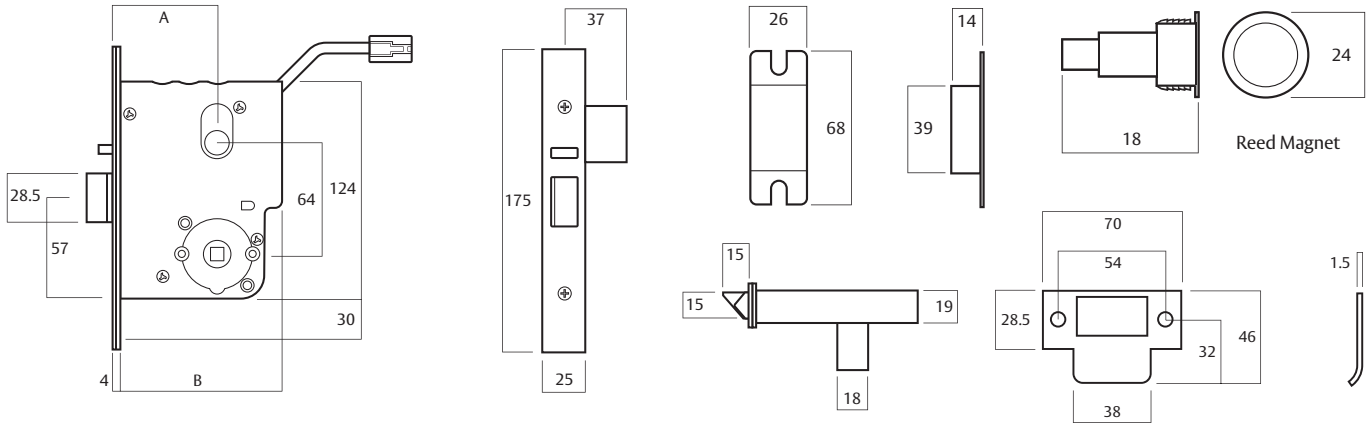
C-Tick Certified

3570 Series: SCEC endorsed for intruder resistant areas

3579 Series: SCEC endorsed for secure areas

Electric Mortise Locks

3570 Series Electric Mortise Lock



Dimension	Backset		
A	60	89	127
B	100	129	167

3570 Technical Information	
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 (0.82mm ²) 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

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.