

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)

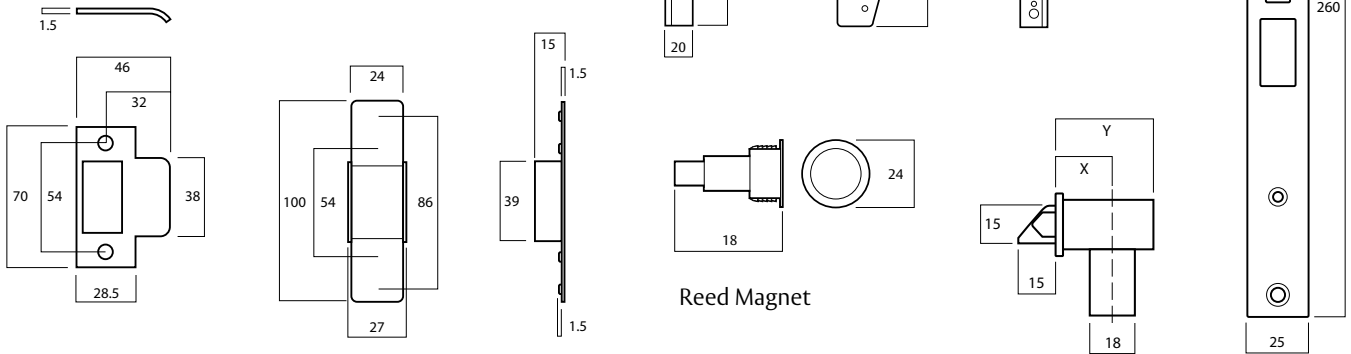
D3 (Durability) Australian Lock Standard (AS4145.2.1993)

 C-Tick Certified

Product Details

Voltage	Available in 12Vdc - 24Vdc
Current	12Vdc \pm 5% 250mA (max) 24Vdc \pm 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 3.6 metre length of cable with 9 pin socket supplied with each lock
Cabling	Recommended cabling: 18AWG (0.82mm ²) cable runs up to 30m
Furniture	Compatible with Lockwood 4800 and 5800 Series Brass Door Furniture
Finishes	Satin Chrome (SC) standard

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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.

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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	Electric Lock	Safety Function	Sub Function	Handing	Finish	Options		
3	58	2	EL	A	M2	R	SC	62		
Backset	Lock Function	Safety Function	Handing	Options						
23 mm	3	Vestibule Lock	2	Fail Safe (Power to lock)	A	Right Handed	R	12 Volt		
25.4 mm	4	Combination Lock	4	Fail Secure (Power to unlock)	E	Left Handed	L	24 Volt	62	
30 mm	5	Electric Lock								
38 mm	6	EL	Sub Function							
Door Material										
Metal	58									
Timber	59									
				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										
Satin Chrome	SC									

Backset Nominate backset as required, e.g. 23mm	3
Door Material Nominate door material, e.g. Metal	358
Lock Function Select function, e.g. Vestibule Lock	3582
Electrical Variant Indicate that this is an Electric Lock	3582EL
Safety Function Select whether lock should be Fail Secure or Fail Safe, e.g. Fail Safe	3582ELA
Monitoring and Key Override Options Select monitoring and cylinders to be supplied, e.g. Monitored Lock with two cylinders	3582ELAM2
Handing Determine left or right handing, e.g. Right Handed	35782ELAM2R
Finish Specify appropriate finish, e.g. Satin Chrome	35782ELAM2RSC
Options Specify 24Vdc option when required	3582ELAM2RSC62

Accessories Ordering Information

Part Number	Product Description
SP572-3129	LED Assembly to suit 3570/3580
SP3580-1052	7.5m extended 9 wire cable