

Electric Mortice Lock

FSHFEL990M

12/24V DC Monitored Flush Mount Lock



Features

- Door position monitoring by reed switch
- Lock status monitoring by a combination of 3 locking parameters:
 - Locking bar (Hub/Handle/s locked)
 - Deadlatching bolt (depressed)
 - Latchbolt (out)
- Dual key override monitoring (KOM)
- Request to exit (REX) via hub/handle(s)
- LED indication



Certifications / Approvals

Function

Lock Operation

Voltage / Current

Monitoring (990 version only)

Environmental

Door Thickness

Backset

Cabling

Standard Finish

Factory Configuration

C-tick

Conforms when used with equivalent S3 keying system

Vestibule and Combination lock (field selectable of either/or both sides locked) Lock handed (Left Hand/Right Hand field selectable)

FAIL SAFE / FAIL SECURE adjustable on site - one product for both applications

Multi-voltage - 12-24VDC / 350mA momentary, 100mA operating

including LED furniture if applicable. Reverse polarity protected. Lock

secure status and key override microswitch max. rating 500mA@30VDC

Door status reed switch max. rating 100mA operating

1. Door position monitoring by reed switch
2. Lock status monitoring by a combination of
 - Locking bar (hub/handle/s locked)
 - Deadlatching bolt (suppressed)
 - Latchbolt (out)locking parameters
3. Dual key override monitoring (KOM)
4. Request to exit (REX) via hub/ handle(s)
5. LED indication

-20 to +60 degrees C

32 – 50mm (Extended spindles available for up to 65mm)

60mm Optional: 70mm, 89mm and 127mm

3m cable with 12 pin plug supplied

Satin stainless steel (other finishes on request)

Vestibule | 60mm backset | Fail safe | Left handed | Satin stainless steel finish

Finishes



ABZ

Antique Bronze



CP

Chrome Plate



ORB

Oil Rubbed
Bronze



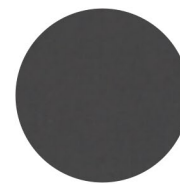
PB/PBU

Polished Brass/
Unlacquered



SCP

Satin Chrome
Plate



SBC

Satin Black
Chrome



SB/SBU

Satin Brass/
Unlacquered

Note: Above colour options are custom ordered, please contact sales@ap.co.nz for more details.



Specification Statement

- The lock should be capable of operation on voltages between 12 -24VDC and have a current consumption not more than 100mA (holding).
- Monitored locks must be capable of monitoring the following functions:
 - Key override “KOM”
 - Door position reed switch “DPS”
 - Latch bolt, dead latching bolt and locking bar microswitches “LSS”
- All settings, including fail safe / fail secure, handing and hub REX selection, must be field configurable

Electronic Specifications

- Solenoid Activation: 12-24VDC 350mA momentary, 100mA max operating, Including LED (if applicable)
- Lock Secure Status/Key Override Monitor: Microswitch max. rating 500mA@30VDC
- Door Status Monitor: Magnetic Reed Switch 100mA operating
- Plug arrangement: 12 pin plug with 3m cable
- Request to Exit (REX) Switches: Microswitches max. rating 1A@125VAC

