



# FEM6600 Series

## ElectroMagnetic Locks



The FSH FEM6600 Series of electromagnetic locks come with a 5 year mechanical and electronic warranty and a hold strength of up to 580kg, so you have the peace-of-mind that entrances are secured to protect people and property.

Tested to Australian and New Zealand standards, including a 2-hour fire rating, these maglocks are Dual Voltage, 12/24VDC, and come in single or double (D) versions, either monitored (M) or non-monitored. Once powered off, the maglocks have no residual magnetism which extends the life of the lock and dorr and gives a better user experience.

The monitored versions (M), include a red-green coloured LED indicator to quickly identify the door and lock status. Activated by a number of credential readers such as PIN pads, fob readers or other access control platforms, this range is ideal for most commercial applications.

## Features

- Dual Voltage: 12/24 VDC field selectable
- Door and Lock Status Monitoring Sensor (DSS and LSS S with "M" models)
- Built-in varistor (MOV) surge protection
- CE tested and certified
- Red-Green bicolour LED on monitored version
- 5 year warranty
- Fire Rated (up to 2-hour fire rated in accordance with AS 1905.1:2015)



### Warranties

|            |         |
|------------|---------|
| Mechanical | 5 years |
| Electronic | 5 years |

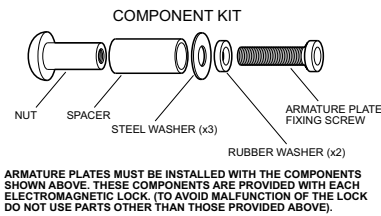


# Technical specifications

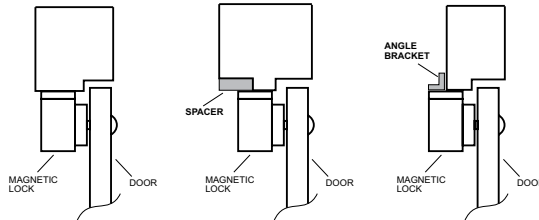
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|-------------------|--|--|
| Part No.          | FEM6600(Single)<br>FEM6600D(Double)  | FEM6600M(Single)<br>FEM6600DM(Double)  |
| Holding strength  | Up to 580kg (for single magnetic lock)   |  |
| Voltage / Current | Dual Voltage 12/24VDC<br>12VDC = 500mA (Double x2)<br>12VDC = 250mA (Double x2)  |  |
| Approvals         | Up 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details)<br>CE/△  |  |
| Monitoring        | N/A  | Red, Green Bi-colour LED<br>Lock Status Sensor (LSS)<br>Door Status Sensor (DSS)   |
| Dimensions        | Single door series magnet:<br>268mm (L) x 73mm (W) x 40mm (D)<br><br>Single door series armature plate:<br>190mm (L) x 61mm (W) x 16mm (D) | Double door series magn<br>535mm (L) x 73mm (W) x 40mm (D)<br><br>Double door series armature plate:<br>190mm (L) x 61mm (W) x 16mm (D) x 2 pieces |
| Finish            | Anodized aluminium   |  |

## Mounting details

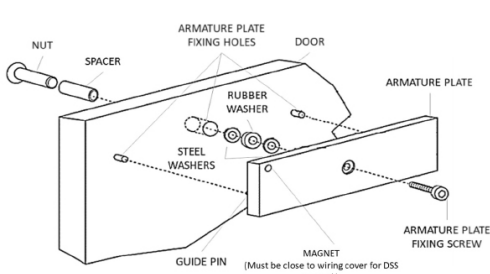
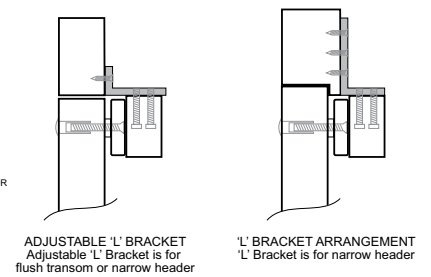
### ARMATURE MOUNTING PLATE DETAIL



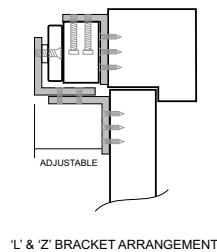
### METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



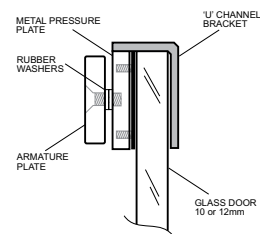
### TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR



### TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



### FIXING ARMATURE PLATE ON FRAMELESS GLASS DOORS



## Testing and Compliance



**Fire:**  
Tested to 2 hours on fire door assemblies as specified in AS 1905.1:2015 Part 1 Fire Resistant Doorsets



Contact Allegion for more details