



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 door 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 with "M" models)
- Built-in varistor (MOV) surge protection
- CE tested and certified
- Red-Green bicolour LED on monitored version
- 5 years warranty
- Fire Rated (up to 2-hour fire rated in accordance with AS 1905.1:2015)



Warranties

Mechanical	5 years
Electronic	5 years

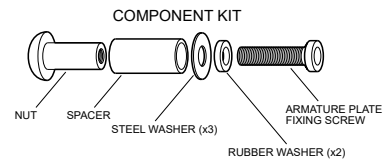


Technical specifications

Part No.	FEM6600(Single) FEM6600D(Double)	FEM6600M(Single) FEM6600DM(Double)
Holding strength	Up to 580kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up to 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details)	
Monitoring	N/A	Red, Green Bi-colour LED Lock Status Sensor (LSS) Door Status Sensor (DSS)
Dimensions	Single door series magnet: 268mm (L) x 73mm (W) x 40mm (D) Single door series armature plate: 185mm (L) x 61mm (W) x 16mm (D)	Double door series magnet: 536mm (L) x 73mm (W) x 40mm (D) Double door series armature plate: 185mm (L) x 61mm (W) x 16mm (D) x 2 pieces
Finish	Anodized aluminium	

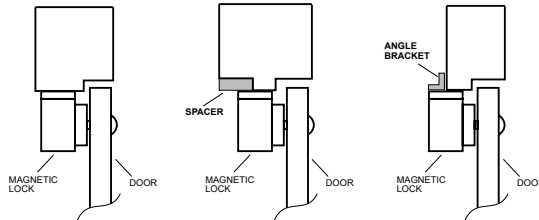
Mounting details

ARMATURE MOUNTING PLATE DETAIL

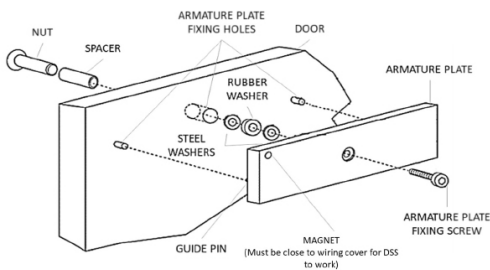
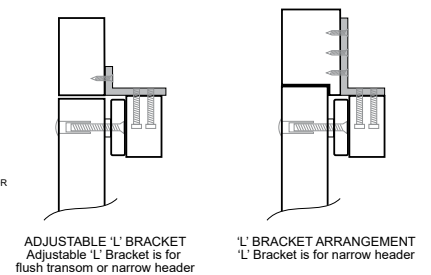


ARMATURE PLATES MUST BE INSTALLED WITH THE COMPONENTS SHOWN ABOVE. THESE COMPONENTS ARE PROVIDED WITH EACH ELECTROMAGNETIC LOCK. (TO AVOID MALFUNCTION OF THE LOCK DO NOT USE PARTS OTHER THAN THOSE PROVIDED ABOVE).

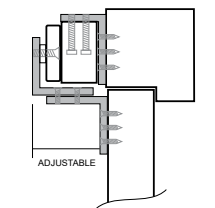
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR

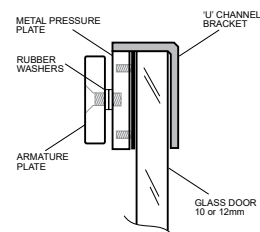


TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



'L' & 'Z' BRACKET ARRANGEMENT

FIXING ARMATURE PLATE ON FRAMELESS GLASS DOORS



Accessories

Product No.	Product description
AMAB6600	Armature Plate Bracket FEM6600
AMLB6600	L-Adjustable Bracket FEM6600(M)
AMLB6600D	L-Adjustable Bracket FEM6600D(M)
AMZB6600	L&Z Bracket FEM6600(M)
AMZB6600D	L&Z Bracket FEM6600D(M)
FEM6600-AP	Armature Plate FEM6600
FEM6600M-AP	Armature Plate FEM6600M
FEM6600-MP	Mounting Plate FEM6600
FEM6600D-MP	Mounting Plate FEM6600D
UGB185	U Bracket for Glass Door FEM6600

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