



FEM4300 Series

ELECTROMAGNETIC LOCKS



The FSH FEM4300 Series of electromagnetic locks come with a 5 year mechanical and electronic warranty and a hold strength of up to 280kg, 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 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

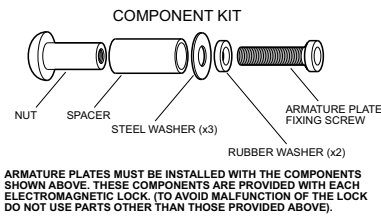
Mechanical	5 years
Electronic	5 years

Technical specifications

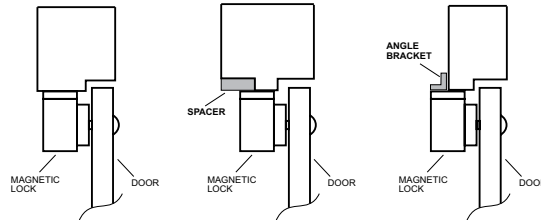
Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M(Single) FEM4300DM(Double)
Holding strength	Up to 280kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details) CE/△	
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: 190mm (L) x 61mm (W) x 16mm (D)	Double door series magn 535mm (L) x 73mm (W) x 40mm (D) Double door series armature plate: 190mm (L) x 61mm (W) x 16mm (D) x 2 pieces
Finish	Anodized aluminium	Anodized aluminium or black

Mounting details

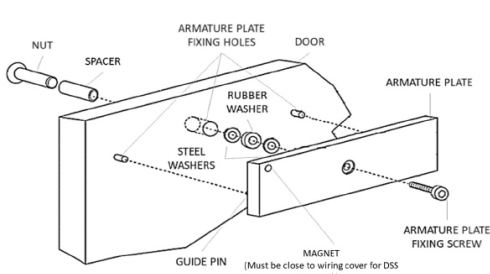
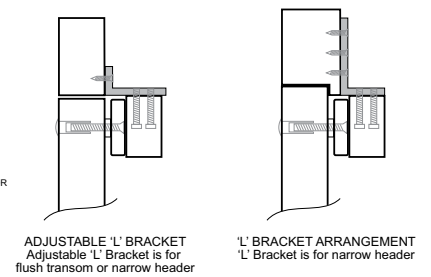
ARMATURE MOUNTING PLATE DETAIL



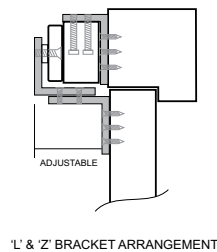
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



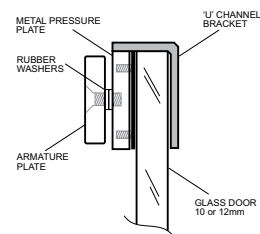
TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR



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