



FEM4300 Series

Electro Magnetic Locks



The FEM4300 is a non-monitored single magnetic lock and the FEM4300D is an non-monitored double magnetic lock with dual 12 or 24 Volt settings.

The FSH 4300 Series of Electro Magnetic Locks come with a 5 year mechanical and electronic warranty and a hold force 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 locks come in single or double (D) versions, monitored (M) or non-monitored. Once powered off, the maglocks have no residual magnetism to extend the life of the lock and door, and give 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

- Door and Lock Status Monitoring Sensor (DSS and LSS with "M" models)
- Built-in varistor (MOV) surge protection
- CE & C-Tick
- Red-Green Bi-colour LED on monitored version
- No residual magnetism
- Fire Rated (2-hour fire rated in accordance with AS 1905.1:2015)



Warranties	
Mechanical	5 years
Electronic	5 years

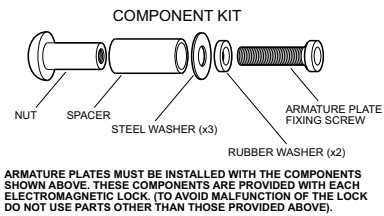


Technical specifications

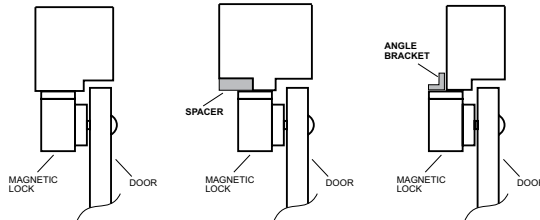
Model	FEM4300(Single) FEM4300D(Double)	FEM4300M(Single) FEM4300DM(Double)
Holding strength	Up to 280kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC, 12VDC= 250mA (Double x2)	24VDC= 250mA (Double x2)
Approvals	2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details)	
Monitoring	N/A	Red-Green Bi-colour LED LSS DSS
Dimensions	Single door series magnet: 268mm (L) x 48mm (W) x 25mm (D) Single door series armature plate: 185mm (L) x 38mm (W) x 12mm (D)	Double door series magnet: 477mm (L) x 48mm (W) x 25mm (D) Double door series armature plate: 185mm (L) x 38mm (W) x 12mm (D) x 2 pieces

Mounting details

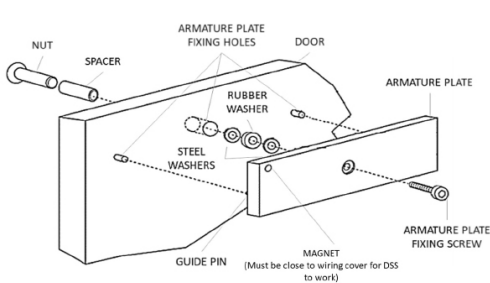
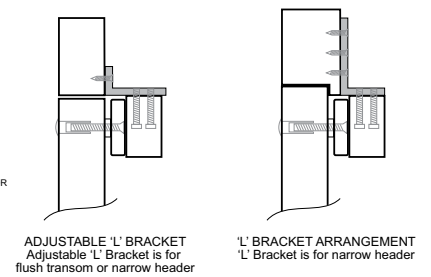
ARMATURE MOUNTING PLATE DETAIL



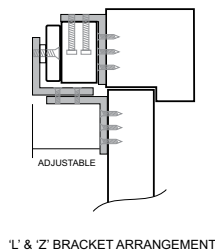
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



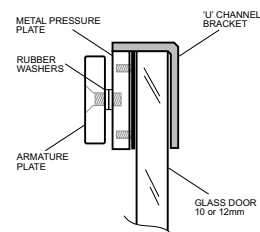
TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR



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