



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-HV), include a Hi-Vis 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 "Models")
- Built-in varistor (MOV) surge protection
- Hi-Vis Red-Green bicolour LED on monitored version (M-HV)
- No residual magnetism
- 5 year warranty
- Fire Rated (up to 2-hour fire rated in accordance with AS 1905.1:2015)



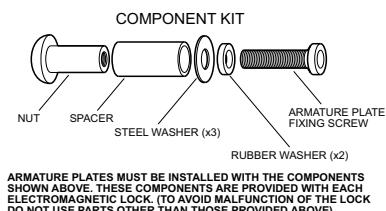
Warranties	
Mechanical	5 years
Electronic	5 years

Technical specifications

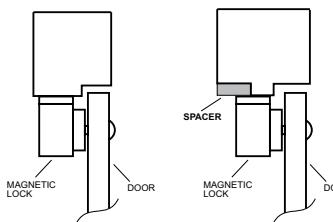
Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M-HV(Single) FEM4300DM-HV(Double)
Holding strength	Up to 280kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up to 2-hours fire rated in accordance with AS1905.1:2015 (Contact Allegion for more details) 	
Monitoring	N/A	Hi-Vis Red, Green Bi-colour LED Lock Status Sensor (LSS) Door Status Sensor (DSS)
Dimensions	Magnet - Single: 238mm (L) x 48mm (W) x 25mm (D) Magnet - Double: 477mm (L) x 48mm (W) x 25mm (D) Armature Plate - Single and Double - All 4300 Series: 158mm (L) x 38mm (W) x 12mm (D)	Magnet - Single - HV Series: 238mm (L) x 49.2mm (W) x 26mm (D) Magnet - Double - HV Series: 477mm (L) x 49.2mm (W) x 26mm (D) x 2 pieces
Finish	Anodized aluminium	Anodized aluminium or black

Mounting details

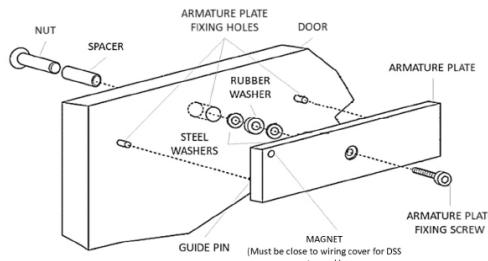
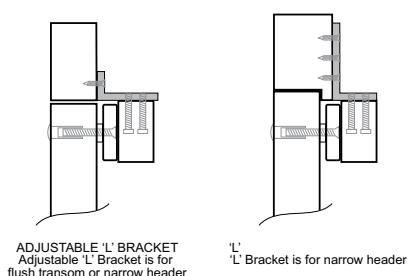
ARMATURE MOUNTING PLATE DETAIL



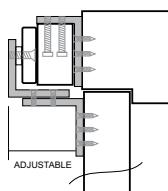
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



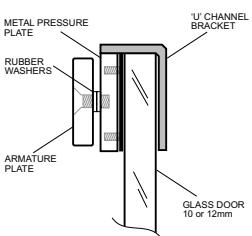
TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR



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