



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 is 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 varsitor (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

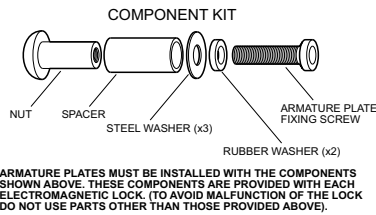


Technical specifications

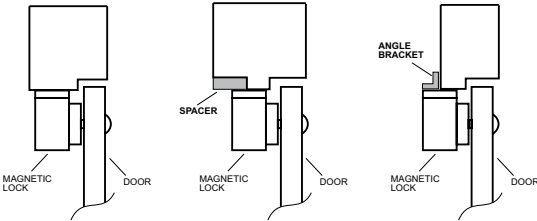
Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M-HV(Single) FEM4300DM-HV(Double)
Holding strength	Up to 280kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up to 2-hours fire rated in accordance with AS1905.1:2015 (Contact Allegion for more details) CE/△	
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)	
Finish	Anodized aluminium	Anodized aluminium or black

Mounting details

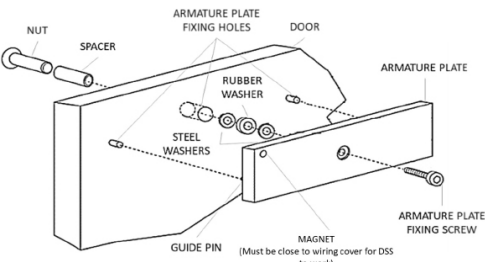
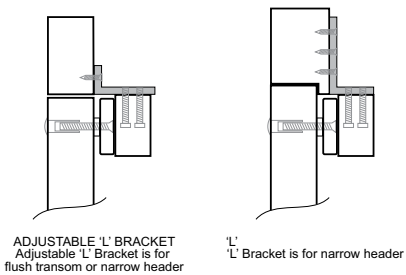
ARMATURE MOUNTING PLATE DETAIL



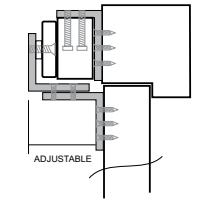
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR

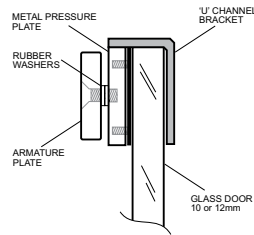


TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



'L' & 'Z' BRACKET ARRANGEMENT

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