<FSH>
BY SCHLAGE

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 is range is ideal for most commercial applications.

Features

- Dual Voltage: 12/24 VDC field changeable
- 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
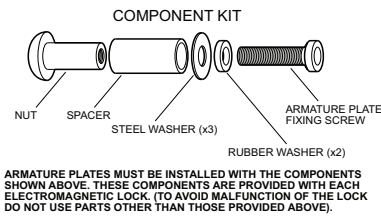- Fire Rated (up to 2-hour fire rated in accordance with AS 1905.1:2015)

Warranties	
Mechanical	5 years
Electronic	5 years

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Technical specifications

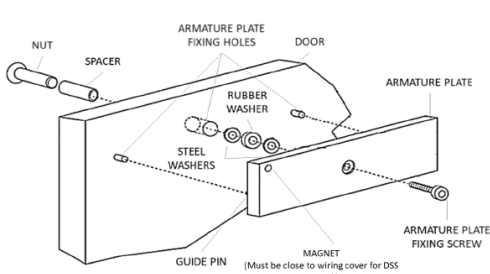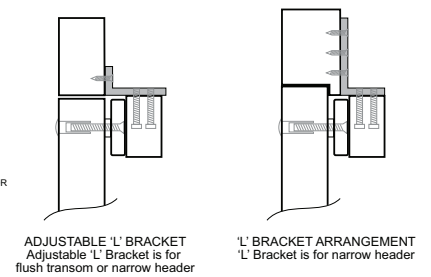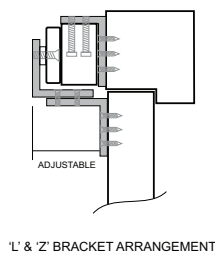| Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M(Single) FEM4300DM(Double)
Holding strength	Up to 280kg (for single magnetic lock)	
Voltage / Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details) C E/⚠	
Monitoring	N/A	Red, Green Bi-colour LED Lock Status Sensor (LSS) Door Status Sensor (DSS)
Dimensions	Single door series magnet: 238mm (L) x 48mm (W) x 25mm (D) Single door series armature plate: 185mm (L) x 38mm (W) x 12mm (D)	Double door series magnet 476mm (L) x 48mm (W) x 25mm (D) Double door series armature plate: 185mm (L) x 38mm (W) x 12mm (D) x 2 pieces
Finish	Anodized aluminium	Anodized aluminium or black

Mounting details

ARMATURE MOUNTING PLATE DETAIL

COMPONENT KIT

NUT   SPACER   STEEL WASHER (x3)   RUBBER WASHER (x2)   ARMATURE PLATE FIXING SCREW

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

MAGNETIC LOCK   DOOR   SPACER   ANGLE BRACKET
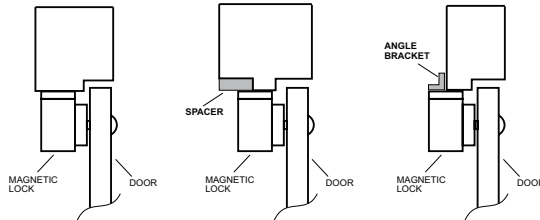
TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR

ADJUSTABLE 'L' BRACKET
Adjustable 'L' Bracket is for flush transom or narrow header

'L' BRACKET ARRANGEMENT
'L' Bracket is for narrow header

NUT   SPACER   ARMATURE PLATE FIXING HOLES   DOOR   ARMATURE PLATE   RUBBER WASHER   STEEL WASHERS   GUIDE PIN   MAGNET (Must be close to wiring cover for DSS to work)   ARMATURE PLATE FIXING SCREW

TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR

ADJUSTABLE

'L' & 'Z' BRACKET ARRANGEMENT

FIXING ARMATURE PLATE ON FRAMELESS GLASS DOORS

METAL PRESSURE PLATE   'U' CHANNEL BRACKET   RUBBER WASHERS   ARMATURE PLATE   GLASS DOOR 10 or 12mm
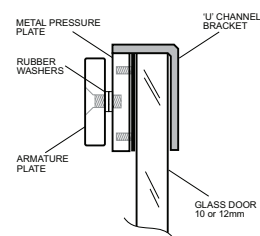
Testing and Compliance

Fire:
Tested to 2 hours on fire door assemblies as specified in AS 1905.1:2015 Part 1 Fire Resistant Doorsets

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Contact Allegion for more details

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