FEM6600 SERIES

ELECTROMAGNETIC LOCKS

The FSH FEM6600 Series of electromagnetic locks come with a 5 year mechanical and electronic warranty and a hold strength of up to 580kg, 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.
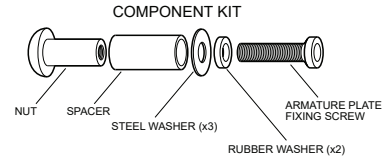
Technical Details

Part No.	FEM6600(Single) FEM6600D(Double)	FEM6600M(Single) FEM6600DM(Double)
Holding Strength	Up to 580kg (for single magnetic lock)	
Voltage/Current	Dual Voltage 12/24VDC 12VDC= 500mA Single (Double x2) 24VDC= 250mA Single (Double x2)	
Approvals	Up to 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details) CE/⚠	
Monitoring	N/A	Red-green bicolour 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 magnet: 535mm (L) x 3mm (W) x 40mm (D) Double door series armature plate: 190mm (L) x 61mm (W) x 16mm (D) x 2 pieces
Finish	Anodized aluminium	

Product 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
- Red-Green bicolour LED on monitored version
- No residual magnetism
- 5 year warranty
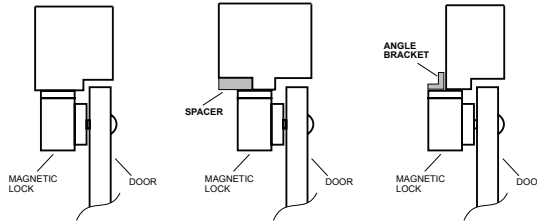- Fire Rated (up to 2-hour fire rated in accordance with AS 1905.1:2015)

Product Dimensions and Installation

ARMATURE MOUNTING PLATE DETAIL

COMPONENT KIT

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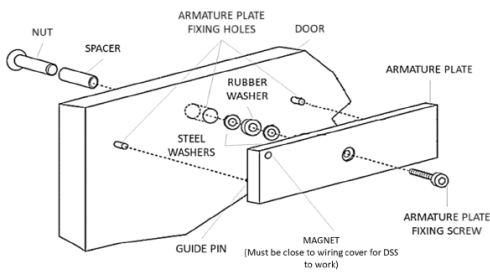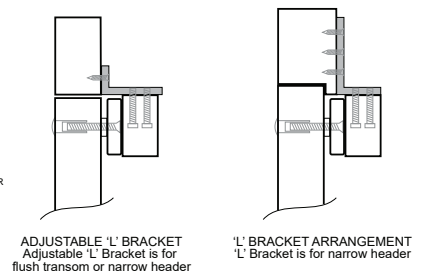
RUBBER WASHER (x2)

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).
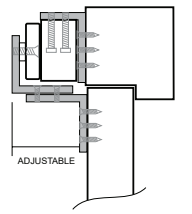
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES

MAGNETIC LOCK   DOOR

SPACER

MAGNETIC LOCK   DOOR

ANGLE BRACKET

MAGNETIC LOCK   DOOR

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

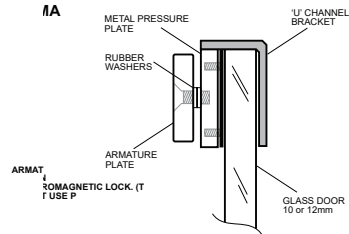GUIDE PIN   MAGNET (Must be close to wiring cover for DSS to work)   ARMATURE PLATE FIXING SCREW

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

Product Codes & Accessories

Part No.	Product Description
AMAB6600	ARMATURE PLT BRKT FEM6600
AMLB6600	L-ADJ BRACKET FEM6600(M)
AMZB6600	L&Z BRACKET FEM6600(M)
AMZB6600D	L&Z BRACKET FEM6600D(M)
FEM6600	STD 580KG NON-MON SINGLE
FEM6600-AP	ARMATURE PLATE FEM6600
FEM6600-MP	MOUNTING PLATE FEM6600
FEM6600D	STD 580KG NON-MON DOUBLE
FEM6600D-MP	MOUNTING PLATE FEM6600
FEM6600DM	STD 580KG MON DOUBLE
FEM6600M	STD 580KG MON SINGLE
FEM6600M-AP	ARMATURE PLATE FEM6600M
UBG185	U-BKT GLASS SGL FEM4300/6600
UBG185-BLK	U-BKT FEM4300/6600-BLK