



ALLEGION™

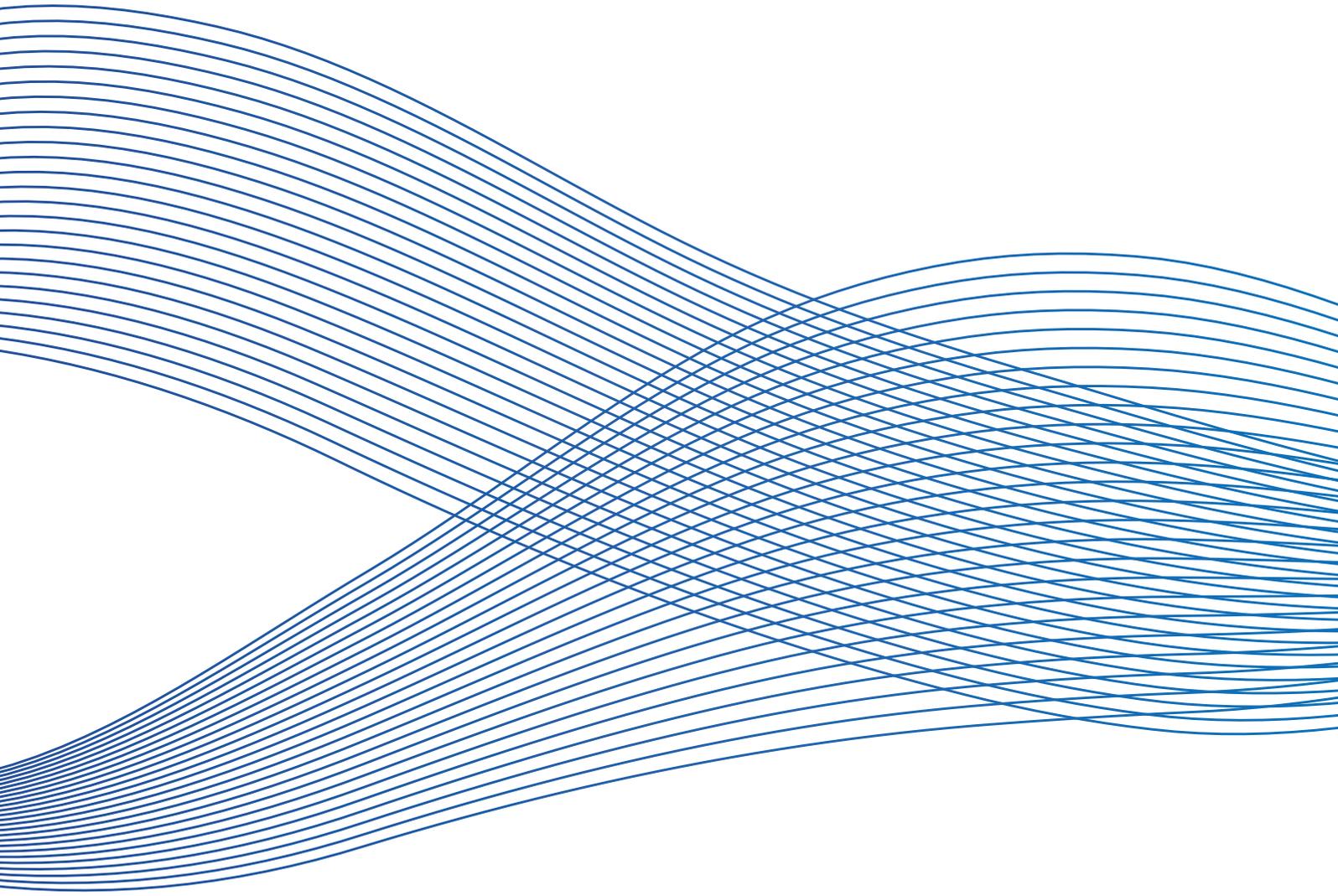


# Electromagnetic Locks



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# Introduction

## **FSH and Schlage - the future of access control**

Long trusted and chosen by those in the industry, FSH® and Schlage® are combining experience, expertise, and vision to set the future of electronic access control for Australian business and industry.

As part of the Allegion™ family of brands, both FSH and Schlage are leveraging more than a century of innovation and global experience to solve some of today's most challenging security problems. Securing some of Asia Pacific's most sensitive buildings, FSH products are known for their reliability, innovation and strength. Together with global technology leader Schlage, the Australian-based development team are working towards a smarter, safer and more secure future.

Some of Australia's best electromechanical engineers work to ensure the highest level of durability and security are met. Each product is rigorously tested with advanced equipment to confirm market suitability and on-going quality standards are met, delivering dependable products for customers. All this is backed by Australian-based customer service, technical support and training departments, so customers can be confident of support every step of the way.

Able to work locally and globally, FSH and Schlage electronic access control products provide protection at critical moments – when property and personal security are at stake.

# FEM4300 SERIES

## ELECTROMAGNETIC LOCKS



The FSH FEM4300 Series of electromagnetic Locks come with a 5 year mechanical 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 range is ideal for most commercial applications.

### Technical Details

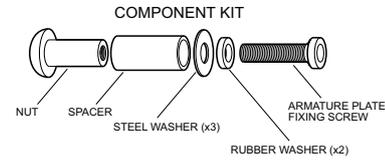
Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M(Single) FEM4300DM(Double)
Holding Strength	Up to 280kg (for single magnetic lock)	
Voltage/Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up to 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details) CE/UL	
Monitoring	N/A	Red-green bicolour LED Door Status Sensor (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) 12mm (D) x 2 pieces
Finish	Anodized aluminium	Anodized aluminium or black

### 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)

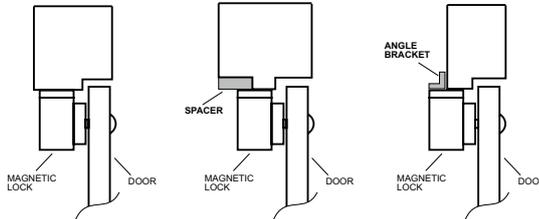
## Product Dimensions and Installation

### ARMATURE MOUNTING PLATE DETAIL

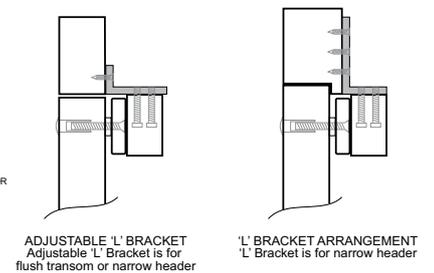


ARMATURE PLATES MUST BE INSTALLED WITH THE COMPONENTS SHOWN ABOVE. THESE COMPONENTS ARE PROVIDED WITH EACH ELECTROMAGNETIC LOCK. (TO AVOID MALFUNCTION OF THE LOCK DO NOT USE PARTS OTHER THAN THOSE PROVIDED ABOVE).

### METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES

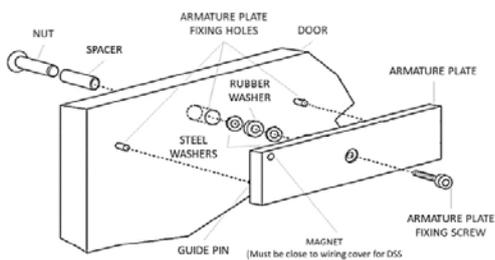


### TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR

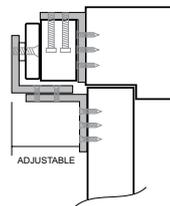


ADJUSTABLE 'L' BRACKET  
Adjustable 'L' Bracket is for flush transom or narrow header

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

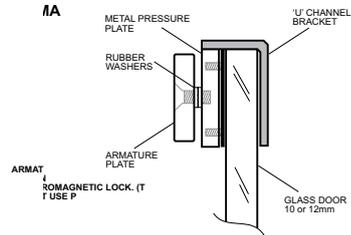


### TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



'L' & 'Z' BRACKET ARRANGEMENT

### FIXING ARMATURE PLATE ON FRAMELESS GLASS DOORS



## Product Codes & Accessories

Part No.	Product Description
AMAB4300	ARMATURE PLT BRKT FEM4300
AMAB4300-BLK	ARMATURE PLT BRKT FEM4300-BLK
AMLB4300	L-ADJ BRACKET FEM4300(M)
AMLB4300-BLK	L-ADJ BRACKET FEM4300(M)-BLACK
AMZB4300	L&Z BRACKET FEM4300(M)
AMZB4300-BLK	L&Z BRACKET FEM4300(M)-BLACK
AMZB4300D	L&Z BRACKET FEM4300D(M)
FEM4300	SLIM 280KG NON-MON SINGLE
FEM4300-AP	ARMATURE PLATE FEM4300
FEM4300-MP	MOUNTING PLATE FEM4300
FEM4300-MP-BLK	MOUNTING PLATE FEM4300-BLACK
FEM4300D	SLIM 280KG NON-MON DOUBLE
FEM4300D-MP	MOUNTING PLATE FEM4300D
FEM4300D-MP-BLK	MOUNTING PLATE FEM4300D-BLACK
FEM4300DM	SLIM 280KG MON DOUBLE
FEM4300DM-BLK	SLIM 280KG MON DOUBLE-BLACK
FEM4300M	SLIM 280KG MON SINGLE
FEM4300M-AP	ARMATURE PLATE FEM4300M
FEM4300M-BLK	SLIM 280KG MON SINGLE-BLACK

# 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

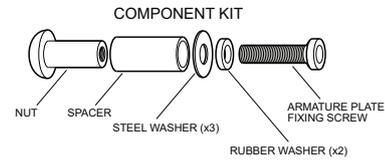
Part No.	FEM6600(Single) FEM6600D(Double)	FEM6600M(Single) FEM6600DM(Double)
Holding Strength	Up to 580kg (for single magnetic lock)	
Voltage/Current	Dual Voltage 12/24VDC 12VDC= 500mA Single (Double x2) 24VDC= 250mA Single (Double x2)	
Approvals	Up to 2-hour fire rated in accordance with AS1905.1:2015 (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)

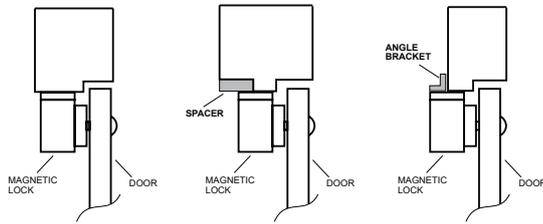
## Product Dimensions and Installation

### ARMATURE MOUNTING PLATE DETAIL

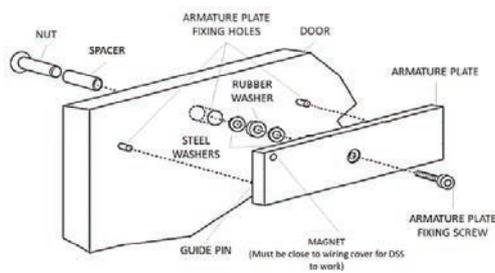
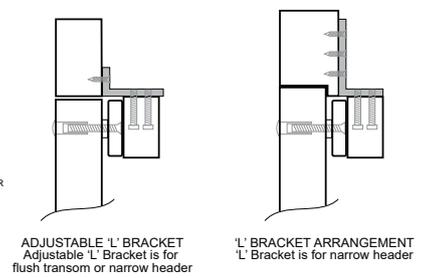


ARMATURE PLATES MUST BE INSTALLED WITH THE COMPONENTS SHOWN ABOVE. THESE COMPONENTS ARE PROVIDED WITH EACH ELECTROMAGNETIC LOCK. (TO AVOID MALFUNCTION OF THE LOCK DO NOT USE PARTS OTHER THAN THOSE PROVIDED ABOVE).

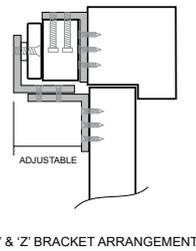
### METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



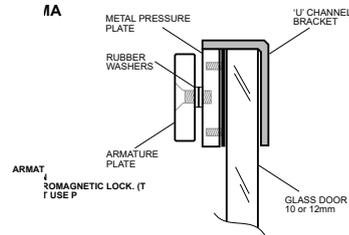
### TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR



### TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



### FIXING ARMATURE PLATE ON FRAMELESS GLASS DOORS



## 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

## About Allegion™

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions. Allegion had \$2.9 billion in revenue in 2021, and its security products are sold around the world.

For more, visit [www.allegion.com.au](http://www.allegion.com.au)

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