

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

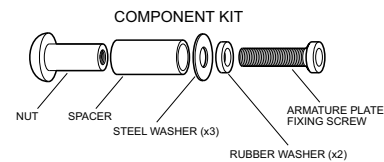
Part No.	FEM4300(Single) FEM4300D(Double)	FEM4300M(Single) FEM4300DM(Double)
Holding Strength	Up to 280kg (for single magnetic lock)	
Voltage/Current	Dual Voltage 12/24VDC 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)	
Approvals	Up to 2-hour fire rated in accordance with AS1905.1:2015 (contact Allegion for more details) 	
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)

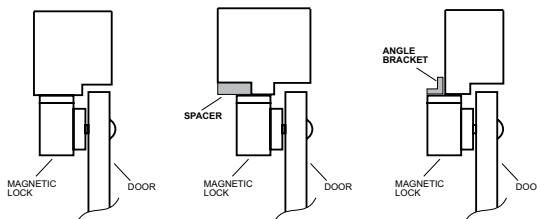
Product Dimensions and Installation

ARMATURE MOUNTING PLATE DETAIL

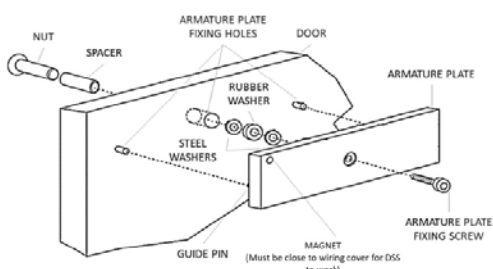
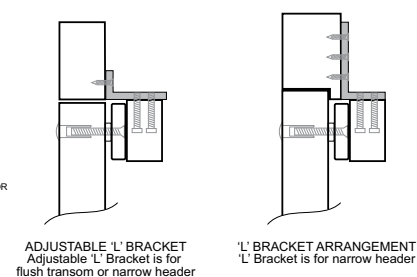


ARMATURE PLATES MUST BE INSTALLED WITH THE COMPONENTS SHOWN ABOVE. THESE COMPONENTS ARE PROVIDED WITH EACH ELECTROMAGNETIC LOCK. (TO AVOID MALFUNCTION OF THE LOCK DO NOT USE PARTS OTHER THAN THOSE PROVIDED ABOVE).

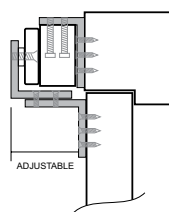
METHODS OF FIXING MAGNETIC LOCKS ON DIFFERENT FRAME PROFILES



TYPICAL FIXING OF MAGNETIC LOCK ON OUT-SWINGING DOOR

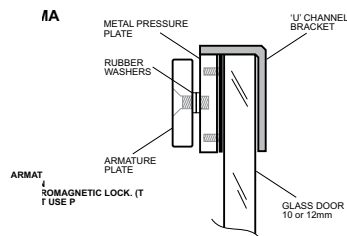


TYPICAL FIXING OF MAGNETIC LOCK ON IN-SWINGING DOOR



'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