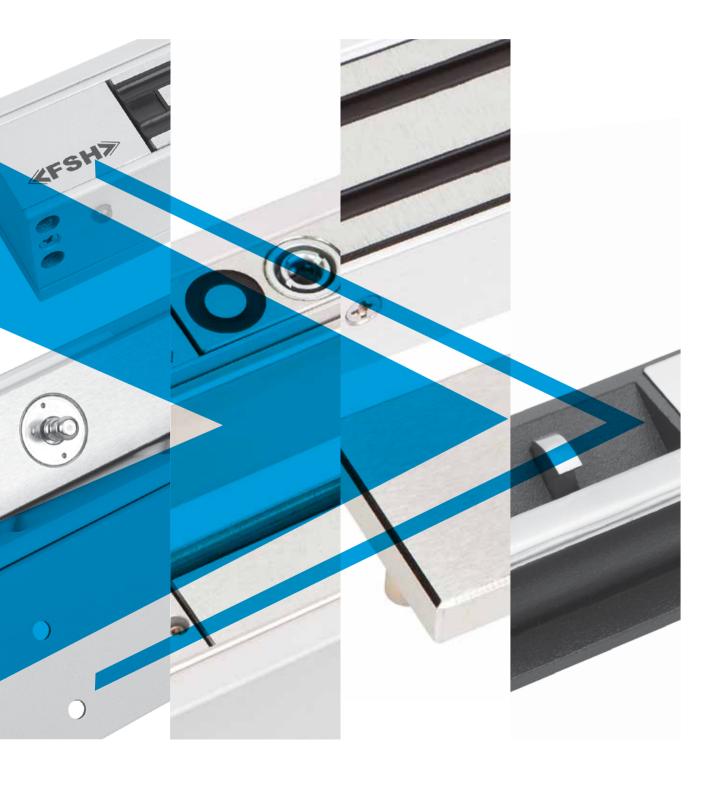


# **FSH LOCKING**Electromechanical Security



#### **FSH MISSION**

FSH Fire & Security Hardware, is an Australian owned company who pride in and strive to maintain their leading position in the Australian electromechanical security locking market.

FSH recognises and acknowledges the relationships with their Distribution Partners to which FSH endeavours at all time to provide competitively priced high quality solutions to most if not all electromechanical security locking solutions.

FSH is cognisant of the growing support of Consultants and Advisors in the Security Industry who are now specifying FSH devices as their product of preference.

FSH also acknowledge our End Users who demand Quality, Service and Expert Support and who recognise this in their growing demand for the FSH product lines.

FSH commits to continue with its leadership in innovation of Security Locking Devices: To maintain its reputation as the leading producer of high quality locking products: and to maintain its aggressive price competitiveness.

FSH - a proud Australian Owned Company.









FSH HEADQUARTERS | MATRAVILLE NSW



FSH STATE-OF-THE-ART TESTING EQUIPMENT

#### INTERNATIONAL MARKETS

Our range of Electric Locking Devices have been installed in countless projects throughout the world. As a reference we list below just a few of the diverse buildings and complexes fitted out with them.

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USA Baylor College of Medicine
Boston University Medical Centre
Florida Int'l University Data Centre

Vanderbilt University

China Shanghai Fudan University

Shenzhen University

Canada Dalhousie University

**Belgium** Brussels Freedom University

**UCL Medical Science University** 

**Britain** Cambridge University

Netherlands Amsterdam University

Norway Oslo University

Spain Madrid University

Australia Australian National University A.C.T

University of New South Wales

#### **Government Building**

China National Dept. of Public Information

China Bureau of Customs

The Second Intermediate People's

Court of Shanghai

The People's Court in Chengdu

Shanghai Futures Market Building

Canada Mirimichi Court House

Calgary City Police Headquarters

**Belgium** CEE Chamber Headquarter

European Parliament

Australia Department of Defence A.C.T

Department of Finance & Treasury

#### **Airports**

Belgium Brussels International Airport
Australia Sydney International Airport
Netherlands Schiphol International Airport
Canada Calgary International Airport
Britain London Stansted Airport

Norway Oslo Airport
Spain Madrid Airport

China Shenzhen Bao An Airport

**Hospitals** 

Australia Sydney St George Hospital

Peter McAlum Anti Cancer Centre Sydney North Shore Hospital

Sydney Adventist Hospital

St Vincent Hospital

USA Atlantic City Medical Centre

#### **Public Bulidings**

China Telecom

China Internet

China Unicom Shanghai Museum

Shanghai Mint

Jinan Mail

Ningxia Electric Power Station Xingjiang Electric Power Station

Qingshan Nuclear Power Station

in Zhejiang

France Olympic Stadium

Second Stadium

Australia Olympic Game Main Assembly Hall

Sydney Nuclear Facility

**Britain** Manchester City Football Stadium

Spain Barcelona World Expo Germany Bosch

Canada Bell Canada

#### **Banks**

**China** Beijing People's Bank

Beijing Bank of Communication
Import and Export Bank - Shenzhen

Branch

The Second intermediate People's

Belgium Fortis Bank

BBI Bank

**USA** Commerce Bank

Netherlands Amro Bank

Australia National Bank Headquarters

Other Buildings

China Beijing TV Station

Beijing Shaite Hotel Beijing Modern Times City

Zhejiang Lvcheng Villa's **Australia** Sydney Star City Casino

Sydney David Jones Business Centre

Sydney Seven Eleven Chains Store

### **Commercial Buildings**

China Shanghai Pudong Jinmao Tower
Zhengdan Building in Shanghai
Bund Centre Building in Shanghai

Shanghai Stock Exchange Tower Investment Building in Sichuan

France HLM

KDI

Air France

**Finland** Fin Air

Aritech Company

Oy Aysec Company

**USA** Ericsson Mobile Headquarters

Chevron Headquarters

BMC Software Headquarters

**Germany** Mannesmann Group

Sweden Forster Jansen

• Continue Con

**Spain** Sentinel Group Rialto

Banco Santander

Netherlands Philips Headquarters

Interlogix Group **Britain** Tyco Electronics

Norway Detection System

Australia Grosvenor Place Sydney

Zenith Centre

Rialto Building Melbourne

Singapore Orchard Centre and Hotel





FSH MANUFACTURING | SHANGHAI



### **APPROVALS**





















# **EcoLine**

be part of a greener future







# MEM2400 Mechanical Electro Magnetic Lock

Slimline Series - Superior by Performance at Minimal Size



STANDARD ELECTRO MAGNET 600KG HOLDING FORCE (scaled to size) MEM MECHANICAL ELECTO MAGNETIC LOCK 1000KG HOLDING FORCE (scaled to size)



### MEM FEATURES

- 75% Smaller than a Standard 600kg Magnet
- High Holding Force up to 1000kg and up to 70kg Side Pressure
- Dual Voltage 12/24VDC
- 43% Lower Power Consumption than a 600kg Magnet
- Simple Surface Mount Installation
- 4 Hour Fire Rated
- Full Monitoring Lock Sensor (LSS) and Door Sensor (DSS)
- Early Warning Alarm (EW)



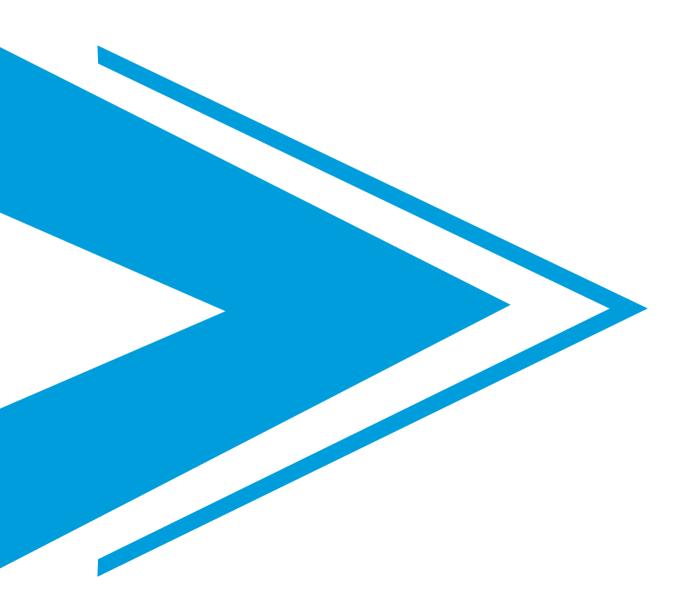
# RF15 Battery Operated Keyless Entry For Home & Office New Generation Electric & Electronic Locking



...& the kids

- Wireless Keypad and Remote Control Key-Fob
- Highly Secure Rolling Code Technology
- Installed with Standard Mechanical Deadlatch
- DIY Installation in Minutes
- Mechanical Key Override (in mechanical lock)
- Smart Power Management and Low Battery Indicator

# **FSH PRODUCT INDEX**Electromechanical Security





# **FSH PRODUCT INDEX**

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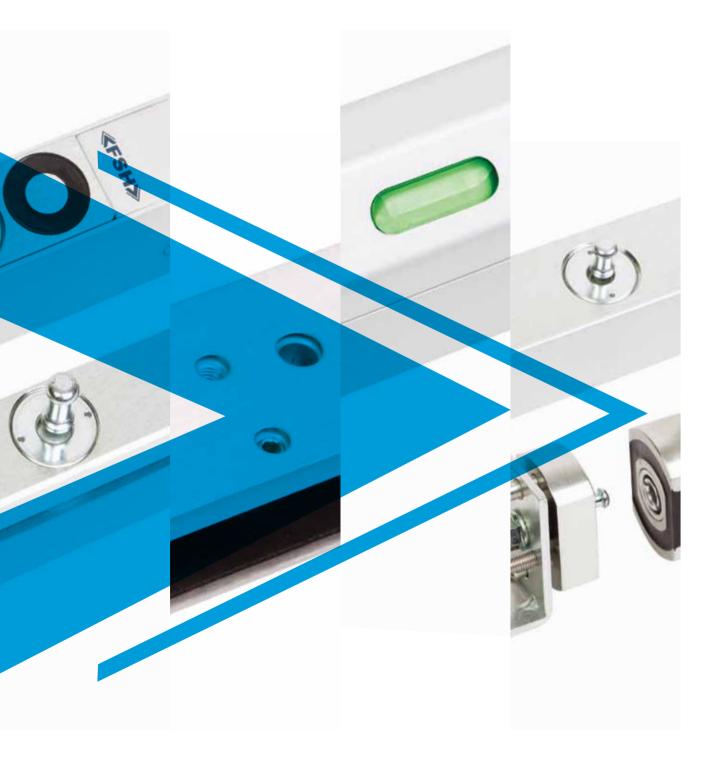


**SPECIAL LOCKING DEVICES** 



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# MEM MECHANICAL ELECTRO MAGNETIC LOCKS Electromechanical Security





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1 1 10 to 1 1	MEM Mechanical Electro Magnetic Sliding Door Locking Device Surface Mount	MEM1982JM -BOX-SSH	22

#### **PRODUCT MEM2400LP**

# MEM MECHANICAL ELECTRO MAGNETIC LOCKING DEVICE FOR OUTWARD OPENING HINGED DOORS



#### PRODUCT DESCRIPTION

The innovative slimline MEM2400LP Mechanical Electro Magnetic Lock has been designed as an alternative to standard magnetic locks especially suited for situations where door height or narrow profile door frames create installation restrictions and appearance is of paramount importance.

The patented MEM incorporates both magnetic and mechanical design principles to achieve a superior holding force of up to 1000kg, whilst being 75% smaller than a standard 600kg Electro Magnet.

The MEM2400 is capable of opening with up to 70kg side pressure on the door and has the added security function of "Early Warning" alarm condition. The device comes with the FSH patented "Anti-Tamper-Bracket" as standard.

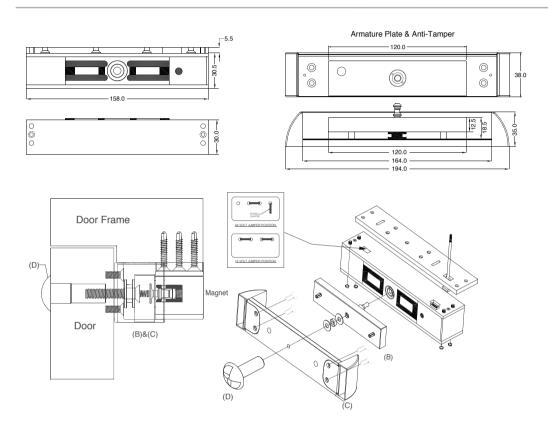
MEM2400LP

#### **TECHNICAL DETAILS**

PART NO.	MEM2400LP
LIGHT FEATURE	Light Panel (LP)
FUNCTION	Surface mount Outward opening doors
HOLDING STRENGTH	Up to 1000kg
VOLTAGE/CURRENT	Dual Voltage 12/24VDC 12VDC/240mA 24VDC/120mA
APPROVALS	4 hour fire rated to A.S. and B.S. standards
MONITORING	EW / LSS / DSS
SIZE	MEM size L= 158mm H= 35mm D= 30mm Armature Plate size L= 120mm H= 30.6mm D= 12.5mm Anti-Tamper-Bracket size L= 194mm H= 38mm D= 30mm

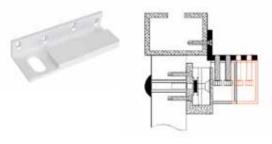
- Slimline design 75% smaller than a standard 600kg magnet
- High holding force up to 1000kg and releases under side load of up to 70kg
- Dual-Voltage 12/24VDC Low power consumption 24VDC/120mA
- 5 year warranty
- Simple installation
- 4 hour fire rated
- Full monitoring Lock Status Sensor (LSS) and Door Status Sensor (DSS)
- Early Warning Alarm (EW)
- Anti Tamper Bracket (to protect the armature plates fixing bolt)





## **ACCESSORIES**

MEM2400L Adjustable L-Bracket for Narrow Header Frames



PART NO. MEM2400L

AMGB24-12 Glass Door Bracket U-Profile



PART NO. AMGB24-12

#### **PRODUCT MEM2400LED-LZ**

# MEM MECHANICAL ELECTRO MAGNETIC LOCKING DEVICE FOR INWARD OPENING HINGED DOORS



#### PRODUCT DESCRIPTION

The innovative slimline MEM2400LED-LZ Mechanical Electro Magnetic Lock for inward opening doors has been designed as an alternative to standard magnetic locks. The MEM2400LED-LZ comes as a combination with L&Z-Brackets.

The patented MEM2400LED-LZ incorporates both magnetic and mechanical design principles to achieve a superior holding force of up to 1000kg. The MEM2400LED-LZ is capable of opening with up to 70kg side pressure on the door.

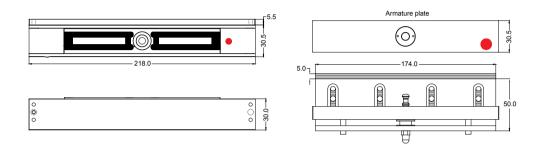
MEM2400LED-LZ

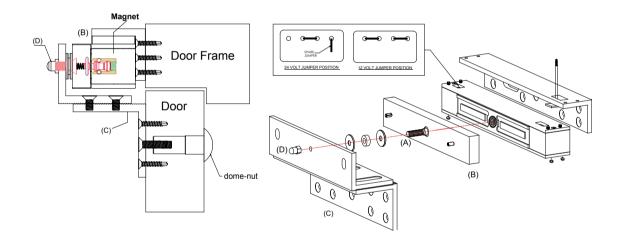
#### **TECHNICAL DETAILS**

PART NO.	MEM2400LED-LZ
LIGHT FEATURE	LED
FUNCTION	Surface mount Inward opening doors including L&Z Bracket
HOLDING STRENGTH	Up to 1000kg
VOLTAGE/CURRENT	Dual Voltage 12/24VDC 12VDC/350mA 24VDC/175mA
APPROVALS	4 hour fire rated to A.S. and B.S. standards
MONITORING	EW / LSS / DSS
SIZE	MEM size L= 218mm H= 36mm D= 30mm Armature Plate size L= 174mm H= 30.5mm D= 12.5mm

- Slimline design 75% smaller than a standard 600kg magnet
- High holding force up to 1000kg and releases under side load of up to 70kg
- Dual-Voltage 12/24VDC Low power consumption 24VDC/175mA
- 5 year warranty
- Simple installation
- 4 hour fire rated
- Full monitoring Lock Status Sensor (LSS) and Door Status Sensor (DSS)
- Early Warning Alarm (EW)
- Anti Tamper Bracket (to protect the armature plates fixing bolt)







#### **PRODUCT MEM2400EXT-SERIES**

# MEM DELAYED EGRESS LOCKING DEVICE FOR OUTWARD OPENING HINGED DOORS



#### MEM2400EXT-SERIES

#### PRODUCT DESCRIPTION

The MEM2400EXT Series high security Delayed Egress Locking Devices are unique products designed for retail applications and the like, where exit doors require Egress Delay functions as well as comprehensive security monitoring.

The MEM2400EXT will open with up to 70kg side pressure (Pre-Load) on the door. In addition to Door and Lock Status Sensors, the device is also equipped with a 2 stage Early Warning alarm function (EW), Light Panel (LP), a local internal sounder and optional CCTV camera.

12 Volt PIR motion detector is supplied with the MEM locking device to monitor movement on the secure side of the door ensuring the door cannot be released from the non-secure side (outside).

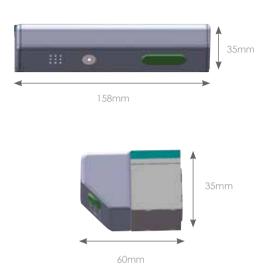
The device is equipped with the patented Anti-Tamper plate.

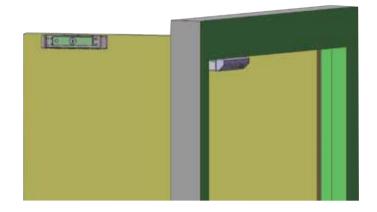
#### TECHNICAL DETAILS

PART NO.	MEM2400EXTS	MEM2400EXTSC
FUNCTION	Surface Mount/Retail Loss Prevention Mechanical Electro Magnetic Locking Device with Delayed Egress Feature & Sounder	Surface Mount/Retail Loss Prevention Mechanical Electro Magnetic Locking Device with Delayed Egress Feature & Sounder & built in CCTV Camera
HOLDING STRENGTH	Up to 1000kg	
VOLTAGE/CURRENT	Dual Voltage 12/24VDC 12VDC/280mA 24VDC/140mA	
APPROVALS	4 hour fire rated to A.S. and B.S. standards	
MONITORING	EW / LSS / DSS	

- Delayed Egress function and Early Warning Alarm (EW)
- Slimline design
- High holding force up to 1000kg and releases under side load of up to 70kg
- Dual-voltage 12/24VDC with low power consumption (current@24V/140mA)
- 1 year warranty
- 4 hour fire rated
- CCTV video function and 365 day security timer function (optional)
- Full monitoring Lock Status Sensor (LSS) and Door Status Sensor (DSS)
- Light Panel (LP)
- Supplied with PIR Motion Detector and Anti-Tamper plate







#### **FUNCTIONAL DETAILS**

# Activation of the Early Warning alarm and Delayed Egress function

The Early Warning alarm functions (EW) are both, local and remote alarm indications to detect, deter and record unauthorised exit attempts. The Early Warning alarm operates in two stages.

#### Stage 1

Triggered on initial pressure being applied to the particular door fitted with the device in the form of a local audible and/or remote alarm. The initial pressure to the door is called "Nuisance Delay Period" and can be set from 0 to 3 seconds. After the Nuisance Delay Period, and if continuous pressure is applied to the door, stage 2 is triggered.

#### Stage 2

Activates both, local and remote alarm indications. At this time the device will release the door with an optional time delay of 0, 15 or 30 seconds. Any incident will be captured by the local CCTV camera, if the optional CCTV version MEM2400EXT-SC is installed.

#### **PRODUCT MEM1982JM**

#### MEM MECHANICAL ELECTRO MAGNETIC SLIDING DOOR LOCKING DEVICE FLUSH MOUNT



#### PRODUCT DESCRIPTION

The innovative MEM1982 Series Mechanical Electro Magnetic Sliding Door Lock is the smallest and strongest sliding door locking solution of its kind. It has been specifically designed for sliding door applications where the size of common electromechanical locking mechanisms create a problem and compact appearance matters.

The patented MEM incorporates both magnetic and mechanical design principles to achieve an exceptional holding force of up to 680kg at this extraordinary compact size. The MEM1982 Series sliding door lock also provides full monitoring LSS, DSS and Early Warning (EW) security alarm indication. The device accepts voltage of 12VDC and has low power consumption of 300mA.

MEM1982JM

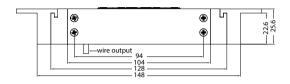
#### **TECHNICAL DETAILS**

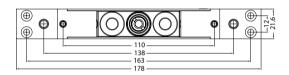
PART NO.	MEM1982JM
FUNCTION	Flush Mount Sliding Door Mechanical Electro Magnetic Lock
HOLDING STRENGTH	Up to 680kg
VOLTAGE/CURRENT	12VDC/300mA
APPROVALS	4 hour fire rated to A.S. and B.S. standards
MONITORING	EW / LSS / DSS

- Compact design flush mount locking device for sliding doors
- High holding force up to 680kg
- Low power consumption 12VDC/300mA
- Simple installation
- 5 year warranty
- 4 hour fire rated
- Full monitoring Lock Status Sensor (LSS), Door Status Sensor (DSS)
- Early Warning Alarm (EW)



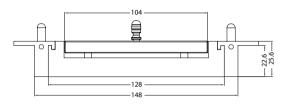
#### MEM Locking Device

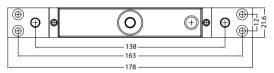


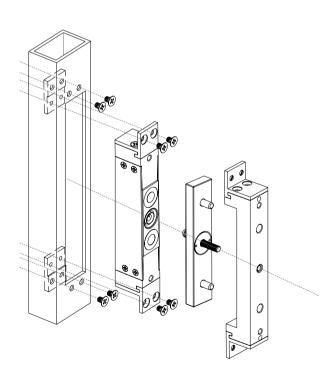


#### Armature plate and U Bracket









#### PRODUCT MEM1982JM-BOX-SSH

MEM MECHANICAL ELECTRO MAGNETIC SLIDING DOOR LOCKING DEVICE SURFACE MOUNT



#### PRODUCT DESCRIPTION

The innovative MEM1982-BOX-SSH Series Mechanical Electro Magnetic Sliding Door Lock is a <u>surface mounted</u> sliding door locking solution. It has been specifically designed for sliding door applications where the size of common electromechanical locking mechanisms create a problem and compact appearance matters.

The patented device incorporates both magnetic and mechanical design principles to achieve an exceptional holding force of up to 680kg at an extraordinary compact size. The MEM1982BOX-SSH sliding door lock also provides full monitoring LSS, DSS and Early Warning (EW) security alarm indication. The device accepts voltage of 12VDC and has low power consumption of 300mA.

MEM1982JM-BOX-SSH

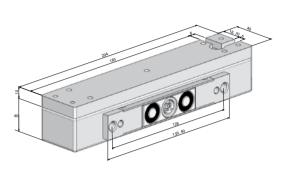
#### **TECHNICAL DETAILS**

PART NO.	MEM1982JM BOX-SSH
FUNCTION	Surface Mount Sliding Door Mechanical Electro Magnetic Lock including stainless steel box
HOLDING STRENGTH	Up to 680kg
VOLTAGE/CURRENT	12VDC/300mA
APPROVALS	4 hour fire rated to A.S. and B.S. standards
MONITORING	EW / LSS / DSS

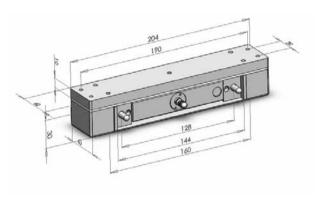
- Compact design locking device for sliding doors
- High holding force up to 680kg
- Low power consumption 12VDC/300mA
- Surface mount installation
- 5 year warranty
- 4 hour fire rated
- Full monitoring Lock Status Sensor (LSS), Door Status Sensor (DSS)
- Early Warning Alarm (EW)



Product Dimensions Locking Device



Product Dimensions Armature Plate Assembly



### PRODUCT APPLICATION

Surface Mount/ Sliding Doors







#### **PRODUCT MEM4400**

#### MEM MECHANICAL ELECTRO MAGNETIC SLIDING DOOR LOCKING DEVICE



#### PRODUCT DESCRIPTION

The innovative MEM4400 Series Mechanical Electro Magnetic Lock is a small and extremely strong sliding door locking solution. It has been specifically designed for automatic sliding door applications where the size of common electromechanical locking mechanisms create installation difficulties. Located on or within the sliding door track mechanism the patented MEM incorporates both magnetic and mechanical design principles to achieve an exceptional holding force of up to 680kg at an extraordinary compact size.

The MEM4400 Series also provides full monitoring, LSS, DSS and Early Warning (EW) security alarm indication. The device accepts voltage of 12-24VDC and has low power consumption of 260mA@12V.

MEM4400

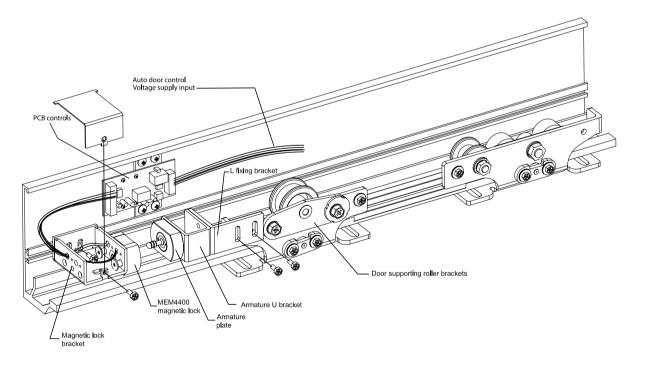
#### **TECHNICAL DETAILS**

PART NO.	MEM4400	
FUNCTION	Mechanical Electromagnetic Sliding Door Lock for automatic sliding doors	
HOLDING STRENGTH	680kg	
VOLTAGE/CURRENT	Multi Voltage 12-24V (12VDC/260mA)	
APPROVALS	4 hour fire rated to A.S. and B.S. standards	
MONITORING	DSS / LSS / EW	

- Compact design locking device for sliding doors
- For automatic sliding doors. Lock located on or within the door track
- Early Warning Alarm (EW)
- High holding force up to 680kg
- Low power consumption 12VDC/260mA
- 5 year warranty
- 4 hour fire rated
- Full monitoring Lock Status Sensor (LSS) and Door Status Sensor (DSS)

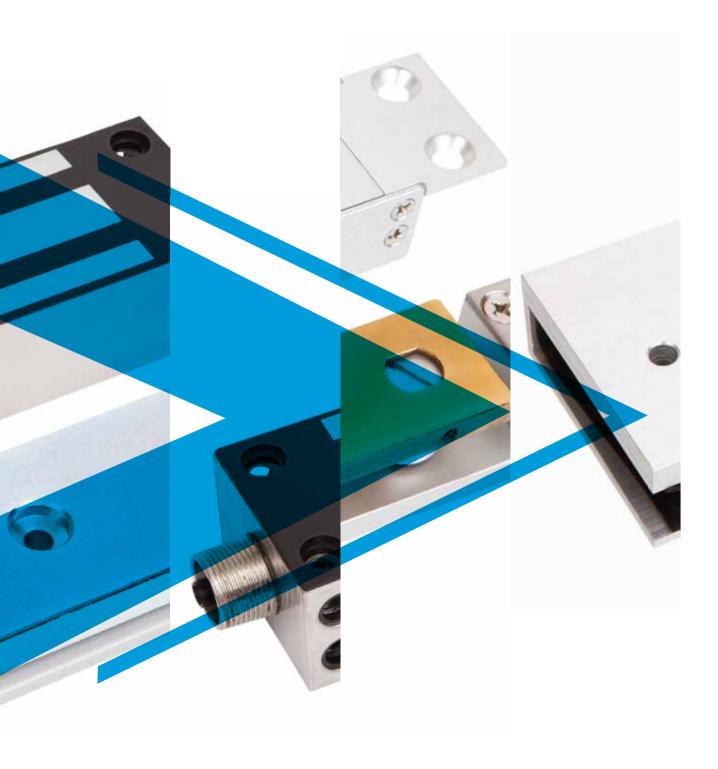






MEM4400 track mounted on automatic sliding door track

# **ELECTRO MAGNETIC LOCKING DEVICES**Electromechanical Security





	FEATURES	PART NO.	PP
	High Security Power Saving Electro Magnetic Locking Device EcoMag™	ECO5700HS	28
	Power Saving Electro Magnetic Locking Device EcoMag <sup>TM</sup>	ECO5700M	30
	Power Saving Electro Magnetic Locking Device EcoMag <sup>TM</sup>	ECO3500M	32
1	High Quality Standard	FEM5700 SERIES	
	Electro Magnetic Locking Devices	FEM5700D SERIES	34
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1	High Quality Weather Resistant Mini	FEM4700FS-LSS	
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		I	

#### **PRODUCT ECO5700HS**

# HIGH SECURITY POWER SAVING ELECTRO MAGNETIC LOCKING DEVICE EcoMag™



ECO5700HS

#### PRODUCT DESCRIPTION

The patented ECO5700HS model is a high security power saving Electro-Magnetic Lock with an individually encoded addressable armature plate. The lock will only recognize its own armature plate to prevent the device from being compromised by false plates.

Under normal, non-alarm conditions, the ECO5700HS "EcoMag" operates in a low current `Sleep-Mode' of 70mA@24V with a holding force of 340kg. In the event of an unauthorised attempt to open the door, the ECO5700HS "EcoMag" "wakes up" and goes into an Alarm Mode with full current of 300mA@24V applied to the device, instantly increasing the holding force to up to 680kg.

The EcoMag operates on multi voltage 10-26VDC, provides an Early Warning (EW) signal output, has a built-in local Alarm Buzzer, with full monitoring of Lock Status and Door Status, long distance Light Panel indicator and an Exit Switch Delay function.

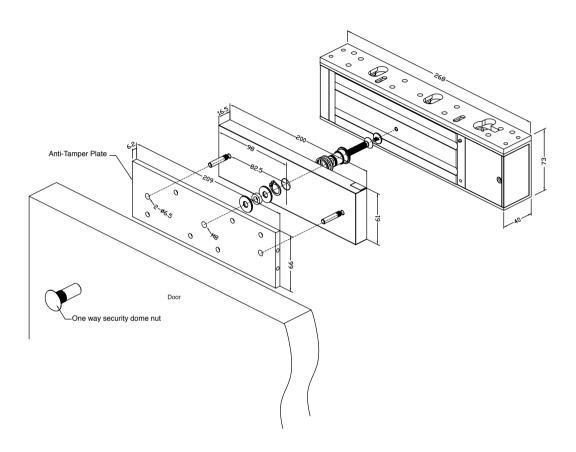
The device is provided with the FSH patented Anti-Tamper-Plate as standard.

#### TECHNICAL DETAILS

PART NO.	ECO5700HS	
FUNCTION	Power To Lock (Fail Safe)	
HOLDING STRENGTH	Up to 680kg in "Alarm-Mode" 340kg in "Sleep-Mode"	
VOLTAGE/CURRENT	Multi Voltage 10-26VDC Sleep-Mode: 12VDC=140mA/24VDC=70mA Alarm-Mode: 12VDC=600mA/24VDC=300mA	
MONITORING	Addressable Armature Plate Door Status Monitoring Sensor (DSS) Lock Status Monitoring Sensor (LSS) Early Warning Signial Output and Local Alarm Buzzer (EW) Exit Switch Delay Function Long Distance Light Panel (LP)	
SIZE	Magnet: L= 268 W= 40 D= 73mm Armature Plate: L= 209 W= 6.2 D= 66mm	

- Truly Green product
- Door and Lock Status Monitoring Sensor (DSS & LSS)
- Early Warning signal output and local alarm buzzer (EW)
- Multi Voltage 10-26VDC low power consumption (70mA@24VDC Sleep-Mode)
- Exit Switch Delay Function
- Long distance Light Panel (LP)
- Addressable armature plate
- Zero residual magnetism
- Anti-Tamper-Plate





#### **PRODUCT ECO5700M**

### POWER SAVING ELECTRO MAGNETIC LOCKING DEVICE EcoMag™



# ECO5700M

#### PRODUCT DESCRIPTION

The patented ECO5700M model is a power saving Electro-Magnetic Lock.

Under normal, non-alarm conditions, the ECO5700M "EcoMag" operates in a low current `Sleeping Mode' of 70mA@24V with a holding force of 340kg. In the event of an unauthorised attempt to open the door, the ECO5700M "EcoMag" "wakes up" and goes into an Alarm Mode with full current of 300mA@24V applied to the device, instantly increasing the holding force to up to 680kg.

The EcoMag operates on multi voltage 10-26VDC, provides an Early Warning (EW) signal output, has a built-in local Alarm Buzzer, with full monitoring of Lock Status and Door Status, long distance Light Panel indicator and an Exit Switch Delay function.

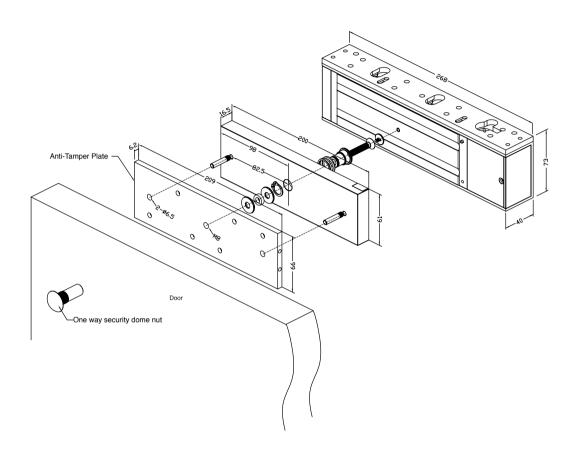
This device is provided with the FSH patented Anti-Tamper-Plate as standard.

#### **TECHNICAL DETAILS**

PART NO.	ECO5700M	
FUNCTION	Power To Lock (Fail Safe)	
HOLDING STRENGTH	Up to 680kg in 'Alarm-Mode' 340kg in 'Sleep-Mode'	
VOLTAGE/CURRENT	Multi Voltage 10-26VDC Sleep-Mode: 12VDC=140mA/24VDC=70mA Alarm-Mode: 12VDC=600mA/24VDC=300mA	
MONITORING	Door Status Monitoring Sensor (DSS) Lock Status Monitoring Sensor (LSS) Early Warning Signial Output and Local Alarm Buzzer (EW) Exit Switch Delay Function Long Distance Light Panel (LP)	
SIZE	Magnet: L= 268 W= 40 D= 73mm Armature Plate: L= 209 W= 6.2 D= 66mm	

- Truly Green product
- Door and Lock Status Monitoring Sensor (DSS & LSS)
- Early Warning signal output and local alarm buzzer (EW)
- Multi Voltage 10-26VDC low power consumption (70mA @ 24VDC Sleep-Mode)
- Exit Switch Delay Function
- Long distance Light Panel (LP)
- Zero residual magnetism
- Anti-Tamper-Plate





#### **PRODUCT ECO3500M**

# POWER SAVING ELECTRO MAGNETIC LOCKING DEVICE EcoMag™



#### PRODUCT DESCRIPTION

The patented ECO3500M model is a power saving Electro-Magnetic Lock. Under normal, non-alarm conditions, the ECO3500M "EcoMag" operates in a low current 'Sleeping Mode' of 60mA@24V with a holding force of 100kg. In the event of an unauthorised attempt to open the door, the ECO3500M "EcoMag" "wakes up" and goes into an Alarm Mode with full current of 300mA@24V applied to the device, instantly increasing the holding force to up to 280kg.

The EcoMag operates on multi Voltage 10-26VDC, provides an Early Warning (EW) signal output, has a built-in local Alarm Buzzer, with full monitoring of Lock Status and Door Status, long distance Light Panel indicator and an Exit Switch Delay function.

The device comes with the FSH patented Anti-Tamper-Plate as standard.

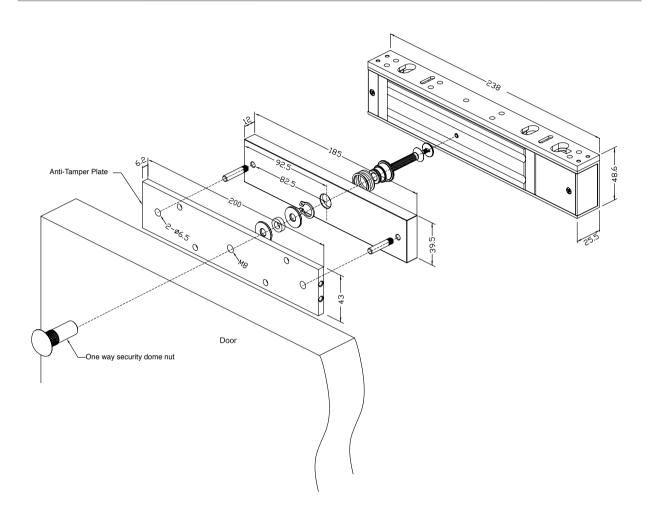
#### ECO3500M

#### **TECHNICAL DETAILS**

PART NO.	ECO3500M	
FUNCTION	Power To Lock (Fail Safe)	
HOLDING STRENGTH	Up to 280 kg in 'Alarm-Mode' 100kg in 'Sleep-Mode'	
VOLTAGE/CURRENT	Multi Voltage 10-26VC Sleep-Mode: 12VDC=120mA / 24VDC=60mA Alarm-Mode: 12VDC=600mA / 24VDC=300mA	
MONITORING	Door Status Monitoring Sensor (DSS) Lock Status Monitoring Sensor (LSS) Early Warning Signial Output and Local Alarm Buzzer (EW) Exit Switch Delay Function Long Distance Light Panel (LP)	
SIZE	Magnet: L=238 W=48 D=24mm Armature Plate: L=185 W=38 D=12mm	

- Truly Green product
- Door and Lock Status Monitoring Sensor (DSS & LSS)
- Early Warning signal output and local alarm buzzer (EW)
- Multi Voltage 10-26VDC low power consumption (60mA@24VDC Sleep-Mode)
- Exit Switch Delay Function
- Long distance Light Panel (LP)
- Anti-Tamper-Plate





#### **PRODUCT FEM5700 SERIES**

HIGH QUALITY STANDARD ELECTRO MAGNETIC LOCKING DEVICES SINGLE/DOUBLE DOOR SURFACE MOUNT



FEM5700 SERIES

#### PRODUCT DESCRIPTION

The FEM5700 is an unmonitored single magnetic lock and the FEM5700D is an unmonitored double magnetic lock with dual 12 or 24 Volt settings.

The FEM5700M is a monitored single magnetic lock and the FEM5700DM is a monitored double magnetic lock with 12 or 24 Volt settings. Each monitored magnetic lock has a built-in Hall Effect Sensor for remote monitoring of Lock status (LSS).

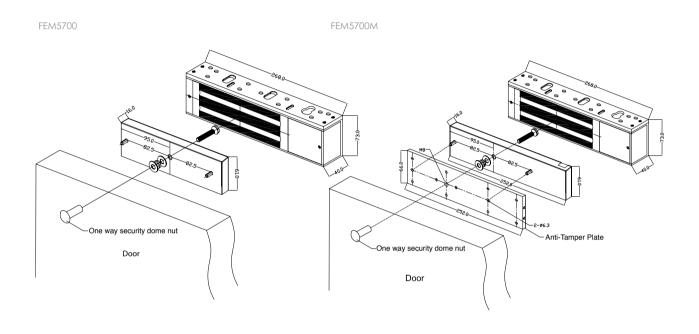
The devices have a patented highly visible high luminosity Light Panel and Door Status Sensor (DSS) for remote monitoring of the door status through a reed switch contact as well as a Lock Status Sensor (LSS). The monitored devices come with a Patened Anti-Tamper-Security-Plate as standard to prevent hostile attacks on the dome-nut-fixing bolt of the Armature Plate." All FEM5700 Series Electro Magnetic Locks come with a lifetime warranty and have no residual magnetism.

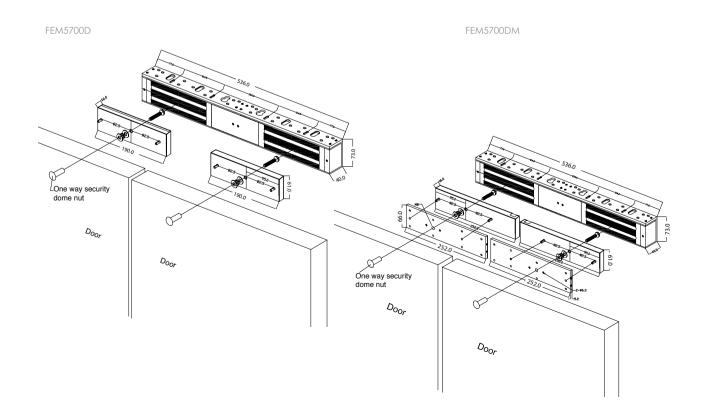
#### **TECHNICAL DETAILS**

PART NO.	FEM5700 (single) FEM5700D (double)	FEM5700M (single) FEM5700DM (double)			
HOLDING STRENGTH	Up to 580kg (for single magnetic lock)				
VOLTAGE/CURRENT	Dual Voltage 12/24VDC 12VDC=500mA (Double x2) 250VDC=260mA (Double x2)				
APPROVALS	4 hour fire rated to A.S. and B.S. standards, SCEC approved for secure areas (FEM5700M & DM)				
MONITORING	NIL	LP LSS DSS			
SIZE	Single door series magnet size: L= 268 x W= 73 x D= 40mm	Double door series surface magnet size: L= 535 x W= 73 x D= 40mm			
	Single door series armature plate size: L= 190 x W= 61 x D= 16mm	Double door series armature plate size: L= 190 x W= 61 x D= 16mm x 2 pcs			
	Single door series DSS-armature plate size: L= 252 x W= 61 x D= 16mm	Double door series DSS-armature plate size: L= 252 x W= 61 x D= 16mm x 2 pcs			

- Door and Lock Status Monitoring Sensor (DSS & LSS with "M" Models)
- Built-in varistor (MOV) surge protection
- CE/C-Tick
- SCEC Approved for secure area (FEM5700M&DM)
- Anti Tamper Plate (with "M" Models)
- Long distance Light Panel (LP)
- Lifetime warranty
- 4 hour fire tested
- No residual magnetism







#### **PRODUCT FEM3500 SERIES**

HIGH QUALITY STANDARD ELECTRO MAGNETIC LOCKING DEVICES SINGLE/DOUBLE DOOR SURFACE MOUNT



FEM3500 SERIES

#### PRODUCT DESCRIPTION

The FEM3500 is an unmonitored single magnetic lock and FEM3500D is an unmonitored double magnetic lock with dual 12 or 24 Volt settings.

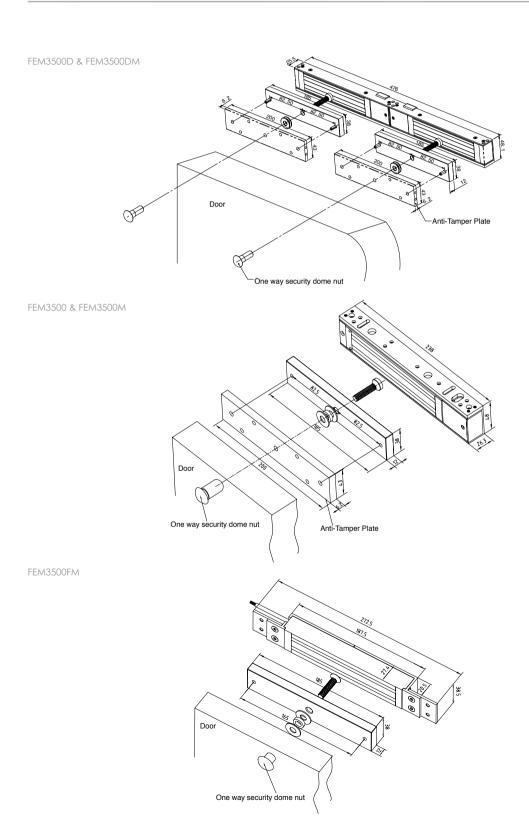
The FEM3500M is a monitored single magnetic lock and the FEM3500DM is a monitored double magnetic lock both with 12 or 24 Volt settings. Each monitored magnetic lock has a built-in Hall Effect Sensor for remote monitoring of Lock status (LSS). The devices have a highly visible high luminosity Light Panel and a Door Status Sensor (DSS) for remote monitoring of the door status as well as Lock Status Sensor (LSS). The monitored devices come with a patented Anti-Tamper-Security-Plate as standard to prevent hostile attacks on the domenut-fixing bolt of the Armature Plate.

All FEM3500 Series Electro Magnetic Locks come with a lifetime warranty and have no residual magnetism.

#### **TECHNICAL DETAILS**

PART NO.	FEM3500(Single) FEM3500D(Double)		M(Single) M(Double)	FEM3500FM (Flush Mounted)	
HOLDING STRENGTH	Up to 280kg				
VOLTAGE/CURRENT	Dual Voltage 12/24VDC, 12VDC= 500mA (Double x2) 24VDC= 250mA (Double x2)				
APPROVALS	4 hour fire rated to A.S. and B.S. standards				
MONITORING	NIL	LP LSS DSS		LSS	
		Single door series magnet size: L= 238 x W= 48 x D= 25mm		Double door series surface magnet size: L= 477 x W= 48 x D= 25mm	
SIZE	Single door series armature L= 185 x W= 38 x D= 12mm		Double door series armature plate size: L= 185 x W= 38 x D= 12mm x 2 pcs		
	Single door series DSS-arm L= 185 x W= 38 x D= 12mm		Double door series DSS-armature plate size: L= 185 x W= 38 x D= 12mm x 2 pcs		

- Door and Lock Status Monitoring Sensor (DSS & LSS)
- Built-in varistor (MOV) surge protection
- CE/C-Tick
- Anti Tamper Plate (with "M" Models)
- Long distance Light Panel (LP)
- Lifetime warranty
- 4 hour fire tested
- Guaranteed no residual magnetism



## PRODUCT FEM4000HST & FEM4000D-HST

# ELECTRO MAGNETIC HIGH SECURITY LOCKING DEVICE HOLDING FORCE 580KG MONITORED



FEM4000HST & FEM4000D-HST

## PRODUCT DESCRIPTION

The Electro Magnetic Lock FEM4000HST/DHST has an electronically addressable armature plate, unique to each magnet and has a holding force of up to 580kg. The device has up to 4 hour fire resistance rating tested to both Australian and British Fire Test Standards. The device is provided with built in surge protection and accepts both 12 and 24VDC. This Electro Magnetic Lock also provides the following monitoring features:

- 1. Lock Status Sensor by Hall-Effect (LSS)
- 2. Internal CPU registered armature plate

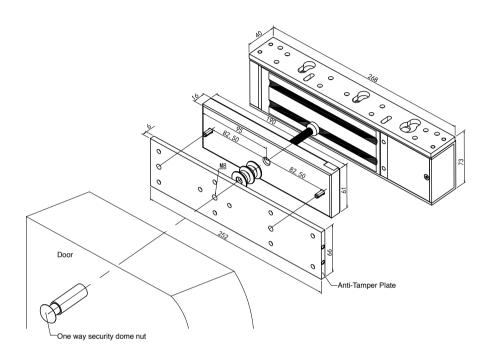
The Electro Magnetic Lock FEM4000HST/DHST is provided with a lifetime warranty and supplied with an Anti-Tamper-Plate as standard, to prevent hostile attacks on the dome-nut-fixing bolt of the Armature Plate. The device is S.C.E.C. approved for "Secure Areas."

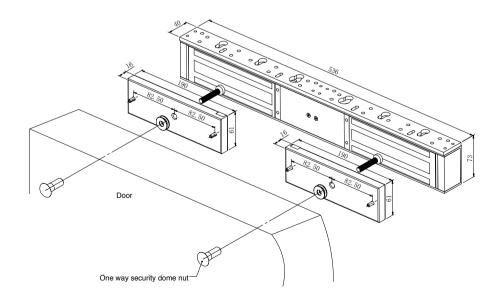
#### **TECHNICAL DETAILS**

PART NO.	FEM4000HST (Single) FEM4000DHST (Double)		
HOLDING STRENGTH	Up to 580kg		
VOLTAGE/CURRENT	Dual Voltage 12/24VDC 12VDC=590mA 24VDC=290mA(Double x2)		
APPROVALS	4 hour fire rated to A.S. and B.S. standards S.C.E.C approved (secure area)		
MONITORING	LSS Internal CPU register armature plate (Registered to match the individual electromagnetic lock) with security alarm sensor/time delay setting from 0-60 sec		
SIZE	Single door series magnet size: L= 268 x W= 73 x D= 40mm Single door series armature plate size: L= 190 x W= 61 x D= 16mm  Double door series surface magnet size: L= 535 x W= 73 x D= 40mm  Double door series armature plate size: L= 190 x W= 61 x D= 16mm x 2 pcs		

- Electronically addressable armature plate
- Guaranteed no residual magnetism
- Lifetime warranty
- CE & C-Tick
- 4 hour fire tested
- SCEC Approved for secure areas







## **PRODUCT FEM2600HS**

# ELECTRO MAGNETIC HIGH SECURITY LOCKING DEVICE HOLDING FORCE 280KG MONITORED



FEM2600HS

# PRODUCT DESCRIPTION

The Electro Magnetic Lock FEM2600HS has an electronically addressable armature plate, unique to each magnet and has a holding force of up to 280kg. The device has up to 4 hour fire resistance rating tested to both Australian and British Fire Test Standards. The device is provided with built in surge protection and accepts both 12 and 24VDC. This Electro Magnetic Lock also provides the following monitoring features:

- 1. Lock Status Sensor by Hall-Effect (LSS)
- 2. Internal CPU registered armature plate

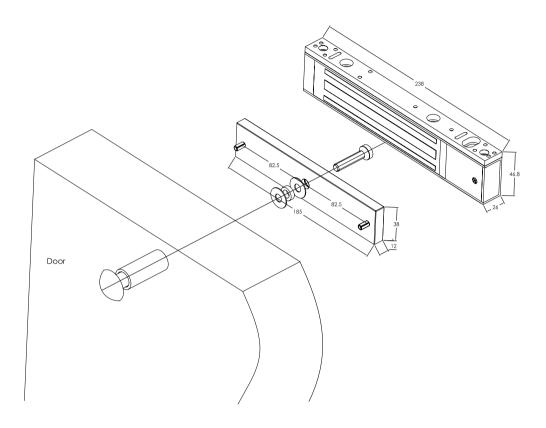
The Electro Magnetic Lock FEM2600HS is provided with a lifetime warranty and supplied with an Anti-Tamper-Plate as standard, to prevent hostile attacks on the dome-nut-fixing bolt of the Armature Plate.

#### **TECHNICAL DETAILS**

PART NO.	FEM2600HS
HOLDING STRENGTH	Up to 280kg
VOLTAGE/CURRENT	Dual Voltage 12/24VDC, 12VDC=550mA 24VDC=270mA (Double x2)
APPROVALS	4 hour fire rated to A.S. and B.S. standards
MONITORING	LSS Internal CPU register armature plate (Registered to match the individual electromagnetic lock) with security alarm sensor/time delay setting from 0-60 sec
SIZE	Single door series magnet size: L= 238 x W= 47 x D= 26mm Single door series armature plate size: L= 185 x W= 38 x D= 12mm

- Light Panel (LP) for long distance visibility
- Electronically addressable armature plate
- Guaranteed no residual magnetism
- Lifetime warranty
- CE & C-Tick
- 4 hour fire tested





# **PRODUCT FCCW MINI SERIES**

# HIGH QUALITY MINI ELECTRO MAGNETIC LOCKING DEVICES SINGLE DOOR NON MONITORED



### PRODUCT DESCRIPTION

The FSH small and compact range of "Mini" electro magnetic locks are specifically designed for securing cupboards, cabinets, lockers and the like, where a reasonably high holding force is required.

FCCW MINI SERIES

### TECHNICAL DETAILS

PART NO.	FCCW15S	FCCW30S	FCCW30F (Flush mount)
HOLDING STRENGTH	Up to 75kg	Up to 180kg	
VOLTAGE/CURRENT	NIL	NIL	
MONITORING	Dual Voltage 12/24VDC 12VDC= 240mA 24VDC= 120mA		ge 12/24VDC 24VDC= 175mA
SIZE	Single door series magnet size: L= 107 x W= 37 x D= 20mm	Single door seri L= 166 x W= 39	ies magnet size: x D= 21mm
	Single door series armature plate size: L= 65 x W= 32 x D= 9mm	Single door seri L= 130 x W= 32	ies armature plate size: x D= 8.3mm

- Built-in varistor (MOV) surge protection
- Zero residual magnetism
- CE/C-Tick
- Lifetime warranty

## **PRODUCT FSH2500**



# ELECTRO MAGNETIC SHEAR LOCKING DEVICE SINGLE DOOR MONITORED MORTISE MOUNT



## PRODUCT DESCRIPTION

FSH shear locks are an evolutionary product based on the proven EML concept, designed for applications where the door swings up to a 180° degree arc.

Whilst a standard EML provides a tensile force, a shear lock differs as it resists a shear or sliding force. When the shear lock detects the door in the closed position, the magnet "sucks" the armature plate up by up to 5mm and traps the armature in the lock body frame.

Despite the small size of the FSH shear lock, it is capable of resisting up to 250kg of shear load. The shear lock accepts voltages from 12 to 24VDC.

FSH2500

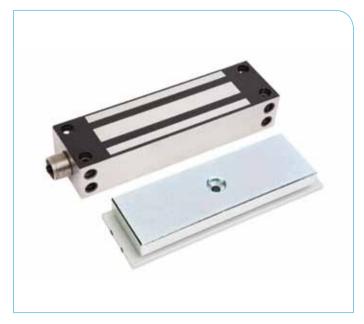
### TECHNICAL DETAILS

PART NO.	FSH2500	
HOLDING STRENGTH	Up to 250kg holding force	
VOLTAGE/CURRENT	at 12VDC x 1A(in-rush) 200mA(normal) at 24VDC x 0.5A '100mA'	
MONITORING	Lock Status Sensor LED indicator	
SIZE	Shear Locks series magnet size: L= 166 x W= 31 x D= 21mm Shear Locks series armature plate size: L= 166 x W= 26 x D= 31mm	

- Up to 250kg shear holding force
- Lock status monitoring
- 2 year warranty
- Low holding current
- Multi Voltage12 to 24VDC
- 4 hour fire rated

## **PRODUCT FEM5000G**

## HIGH QUALITY WEATHER RESISTANT ELECTRO MAGNETIC GATE LOCKING DEVICES



### PRODUCT DESCRIPTION

The Electro Magnetic Gate Lock FEM5000G has a holding force of up to 630kg and is IP67 weather resistant with a stainless steel body housing. The device provides a dual fixing arrangement, a built-in varistor surge protection and accepts both 12 and 24VDC.

The Electro Magnetic Gate Lock also provides the monitoring feature "Lock Status Sensor" by Hall-Effect (LSS). The Electro Magnetic Gate Lock comes with a lifetime warranty and is supplied with an Anti-Tamper-Plate as standard to prevent hostile attacks on the dome-nut-fixing bolt of the Armature Plate.

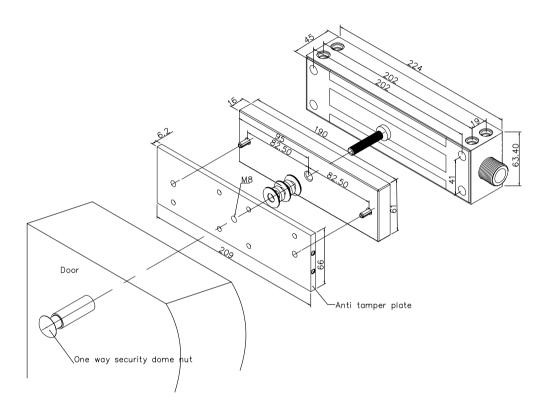
FEM5000G

#### **TECHNICAL DETAILS**

PART NO.	FEM5000G
HOLDING STRENGTH	Up to 630kg
VOLTAGE/CURRENT	Dual Voltage 12/24VDC, 12VDC= 080mA 24VDC= 240mA
MONITORING	LSS
SIZE	Magnet size: L= 220 x W= 63 x D= 45mm Armature plate size: L= 190 x W= 61 x D= 16mm

- Lock Status Monitoring Sensor (LSS)
- Up to 630kg holding force
- Stainless 304 steel body housing
- Weather resistant IP67
- Lifetime warranty
- Anti Tamper Plate
- CE/C-Tick
- Guaranteed no residual magnetism





# PRODUCT FEM4700FS-LSS | FEM4500FS RSW

## HIGH QUALITY WEATHER RESISTANT MINI ELECTRO MAGNETIC GATE LOCKING DEVICES



FEM4700FS-LSS | FEM4500FS-RSW

# PRODUCT DESCRIPTION

The Electro Magnetic Mini Gate Lock FEM4700FS-LSS has a holding force of up to 380kg and the Electro Magnetic Micro Gate Lock FEM4500FS-RSW has a holding force of up to 200kg.

Both products are IP67 weather resistant with stainless steel body housings. The devices provide a dual fixing arrangement, a built-in varistor surge protection and accept both 12 and 24VDC. The Electro Magnetic Gate Locks also provide the monitoring feature "Lock Status Sensor" (LSS). The Electro Magnetic Gate Locks come with a lifetime warranty.

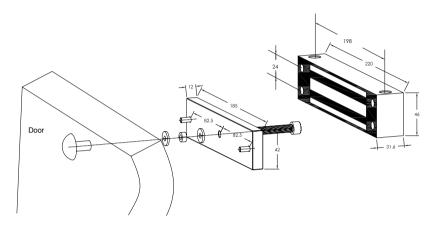
#### TECHNICAL DETAILS

PART NO.	FEM4700FS-LSS	FEM4500FS-RSW
HOLDING STRENGTH	Up to 380kg	Up to 200kg
VOLTAGE/CURRENT	Dual Voltage 12/24VDC, 12VDC=400mA 24VDC=200mA	Dual Voltage 12/24VDC, 12VDC=360mA 24VDC=180mA
MONITORING	LSS	LSS
SIZE	Magnet size: L= 220 x W= 47 x D= 30.5mm Armature plate size: L= 185 x W= 42 x D= 12mm	Magnet size: L= 162 x W= 26 x D= 31mm  Armature plate size: L= 130 x W= 30 x D= 8.7mm

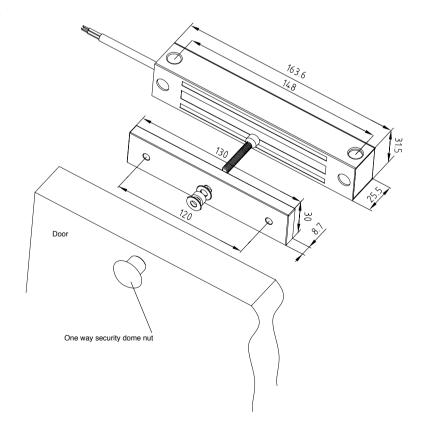
- Lock Status Monitoring Sensor (LSS)
- Stainless 304 steel body housing
- Weather resistant IP67
- Lifetime warranty
- CE/C-Tick
- Guaranteed no residual magnetism



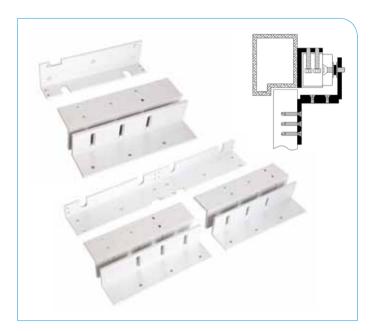
### FEM4700FS-LSS



# FEM4500FS-RSW



# **PRODUCT** ELECTRO MAGNETIC LOCKING DEVICES ACCESSORIES

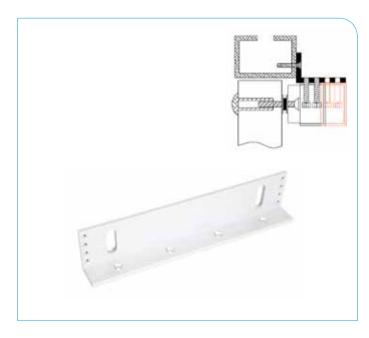


# PRODUCT DESCRIPTION

Adjustable "L" and "Z" brackets for inward opening doors.

# TECHNICAL DETAILS

PART NO.	BRACKET TO SUIT
AMZB1-LP	FEM5000G/FEM5700/FEM4000HST*
AMZB1D-LP	FEM5700D/FEM4000DHST*
AMZB1-LP DSS	FEM5700M
AMZB1D-LP DSS	FEM5700DM
AMZB4-LP	FEM3500/FEM4700FS*
AMZB4D-LP	FEM3500D
AMZB4-LP	FEM3500M
2 x AMZB4D-LP	FEM3500DM
AMZB3	FCCW30S/FEM4500FS



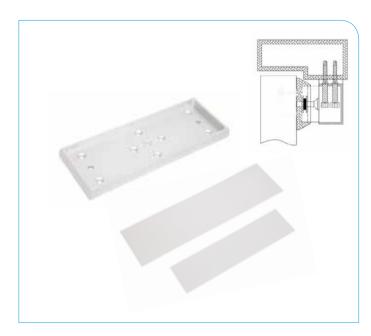
# PRODUCT DESCRIPTION

Adjustable "L" bracket for narrow header doors.

# TECHNICAL DETAILS

PART NO.	BRACKET TO SUIT
AMLB1	FEM5700
2 x AMLB1	FEM5700D
AMLB1	FEM5700M
2 x AMLB1	FEM5700DM
AMLB4	FEM3500/FEM3500M
2 x AMLB4	FEM3500D/FEM3500DM
AMFB3	FCCW30S/FEM4500FS



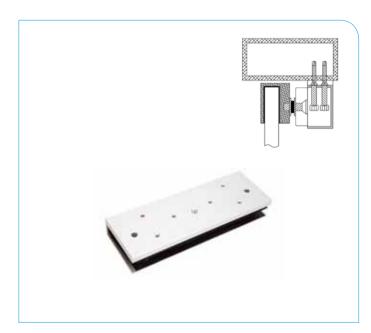


## PRODUCT DESCRIPTION

Stick on armature plate holder for glass doors. (recommended 3MVHB tape, not supplied)

# TECHNICAL DETAILS

PART NO.	BRACKET TO SUIT
AMAB1	FEM5700
2 x AMAB1	FEM5700D
AMAB1 DSS	FEM5700M
2 x AMAB1 DSS	FEM5700DM
AMAB4	FEM3500
2 x AMAB4	FEM3500D
AMAB4	FEM3500M
2 x AMAB4	FEM3500DM



# PRODUCT DESCRIPTION

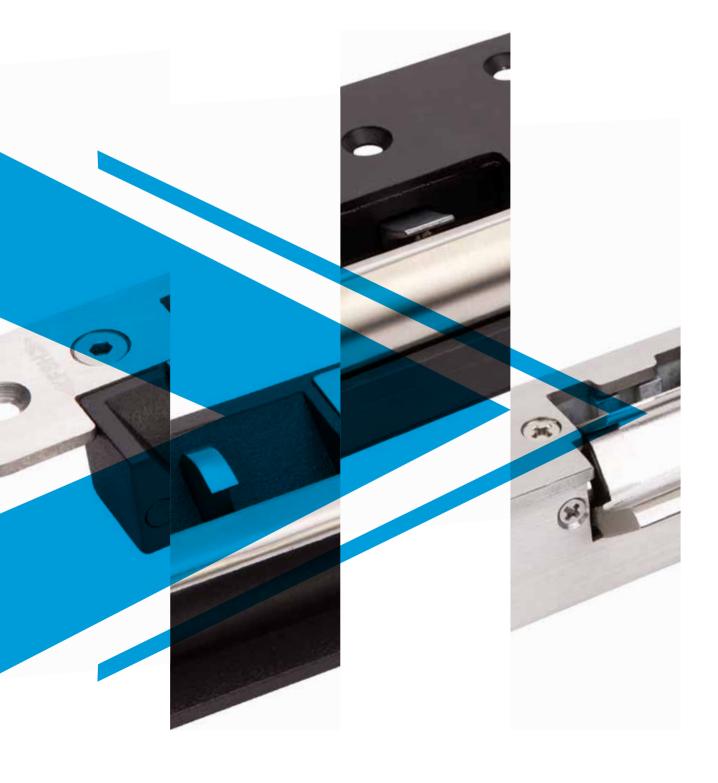
Glass Door Bracket "U-Profile" to fix armature plate to 10-12mm glass doors.

# TECHNICAL DETAILS

PART NO.	BRACKET TO SUIT
AMGB1-12	FEM5700
2 x AMGB1-12	FEM5700D
AMGB1-12 DSS	FEM5700M
2 x AMGB1-12 DSS	FEM5700DM
AMGB4-12	FEM3500
2 x AMGB4-12	FEM3500D
AMGB4-12	FEM3500M
2 x AMGB4-12	FEM3500DM

# **ELECTRIC STRIKES**

Electromechanical Security





High Security Electric EcoStrike  FES20 FES20M FES20M FES20M- FES20M- FES20M- FES20M- FES20M- FES20M-M  FE				
High Security Electic Strike  FES20M FES20M-R FES20M-R FES20M-R FES20M-M  FES20M-R FES20		FEATURES	PART NO.	PP
High Security Electic Strike  FES20M-R	I THE STATE OF THE PARTY OF THE	High Security Electric EcoStrike	FES90M-P	52
FSH Retroline Electric Strike Replacements  FHC20M  FEM10M  FES10  FES15M  FES15  Compact Electric Strike  FES7  6		High Security Electic Strike	FES20M FES20M-R	54
FSH Retroline Electric Strike Replacements  FHC20M  FEM10M  FES10  FES15M  FES15  Compact Electric Strike  FES7  6			EE A 20AA	
Electric Strike-ANSI Footprint  FES10  FES15M  FES15  Compact Electric Strike  FES7  6		FSH Retroline Electric Strike Replacements —		56
Electric Strike-RIM Mounted  FES15M  FES15  6  Compact Electric Strike  FES7  6		Flectric Strike-ANSI Footbrint	FEM10M	- 58
Electric Strike-RIM Mounted FES15 6  Compact Electric Strike FES7 6		License Sinke-Artsi (Odipili)	FES10	30
Compact Electric Strike FES7 6		Electric Strike-RIM Mounted		60
Glass Door Strike FES4012 6		Compact Electric Strike	FES7	62
Glass Door Strike FES4012 6				
	o, D	Glass Door Strike	FES4012	64

## **PRODUCT FES90M-P**

# HIGH SECURITY ELECTRIC EcoStrike<sup>TM</sup> WITH PRE-LOAD CAPABILITY – AUSTRALIAN FOOTPRINT



FES90M-P

#### PRODUCT DESCRIPTION

The patented FES90M-P motorised High Security Electric EcoStrike with up to 35kg Pre-Load capability is a revolutionary electric locking solution. With a high Pre-Load /Side-Load tolerance and minimal energy consumption in 'Sleep-Mode' it is a truly "Green Locking Solution".

The strike accepts voltages from 10 to 30VDC, is pre-drilled for extension lips and has a unique and simple fail secure (Power To Open)/ fail safe (Power To Lock) switch-over function.

The door strike provides 3 forms of monitoring:

- 1. LSS (Lock Status Sensor)
- 2. DSS (Door Latch Sensor)
- 3. DPS (Door Position Sensor)

To utilise the Door Position Sensor monitoring function (DPS), FSH is providing special Mortice Lock Face Plates equipped with magnets, as separate items (see Accessories). These Face Plates work in conjunction with the FES90M-P built in Reed Switch.

The electric strike consumes current less than 300mA @ 12VDC at full 35kg pre-load <u>only</u> during locking and unlocking action. In the locked or unlocked state (Sleep-Mode), the electric strike consumes current less than 15mA@12VDC.

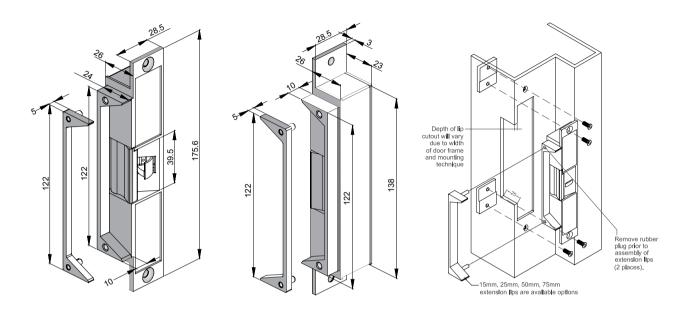
FES90MP comes with a 10mm strike lip as standard, to prevent possible personal injury and damage to clothing as with 15mm lips.

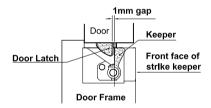
#### TECHNICAL DETAILS

PART NO.	FES90M-P	
FUNCTION	Mortice Mount, Power-To-Lock/Power-To-Release field interchangeable, 35kg of Pre-Load capability	
HOLDING STRENGTH	Up to 1370kg Tested to 1.5Mill full 35kg pre-load cycles	
VOLTAGE/CURRENT	Multi Voltage 10-30VDC Action Mode: 300mA@12VDC at full 35kg pre-load only during locking and unlocking action Sleep-Mode: 15mA @ 12VDC in locked or unlocked mode	
APPROVALS	4 hour fire rated to A.S. and B.S. Standards  CE  C-TICK	
MONITORING	LSS - Status Sensor of the internal locking mechanism DSS - Door Latch Sensor, Door latch engaged within strike keeper DPS - Reed Switch Built-in, monitoring the door position	
ENVIRONMENTAL	Operational Temperature Range -20° to +60°C	

- Releases with up to 35kg of Pre-Load/Side Load
- Motorised locking device
- Durability tested to 1.5 Mill. full pre-load cycles of 35kg
- Multi voltage from 10 to 30VDC
- Sleep Mode Current less than 15mA@12VDC
- Weather resistant
- Fully monitored including Reed Switch for door position
- Pre-drilled for extension lips
- Up to 1300kg holding strength
- 5 year warranty
- Guaranteed shock/hammer resistant







# ORDER DETAILS & ACCESSORIES

PART NO.	PRODUCT DESCRIPTION	
FES90M-P	High Security Electric Eco Strike with pre-load capabilities Australian Footprint monitored 10mm Lip	
FES20-EL15	FES20 Extension Lip 15mm	
FES20-EL25	FES20 Extension Lip 25mm	
FES20-EL50	FES20 Extension Lip 50mm	
FES20-EL75	FES20 Extension Lip 75mm	
FES20MR·AUS	Mortice Lock Faceplates with monitoring magnets for Aust. Lock Company Mortice Lock	
FES20MR-DOR	Mortice Lock Faceplates with monitoring magnets for Dorma Mortice Lock	
FES20MR·KAB	Mortice Lock Faceplates with monitoring magnets for KABA Mortice Lock	
FES20MR-LEG	Mortice Lock Faceplates with monitoring magnets for LEGGE Mortice Lock	
FES20MR-LOC	Mortice Lock Faceplates with monitoring magnets for Lockwood Mortice Lock	
FES20MR-LOC-NS	Mortice Lock Faceplates with monitoring magnets for Lockwood Narrow Style Mortice Lock	
FES20MR-NOV	Mortice Lock Faceplates with monitoring magnets for Novas Mortice Lock	
FES20-Rebate	Rebate Kit for FES20 Series (Stainless Steel)	

## **PRODUCT FES20 SERIES**

## HIGH SECURITY ELECTRIC STRIKES -AUSTRALIAN FOOTPRINT



### PRODUCT DESCRIPTION

The patented FES20 Series high security electric door strikes are manufactured from stainless steel and have the advantage of accepting D.C Voltages from 12 to 36Volts.

The FES20 Series Strikes are pre-drilled for extension lips and the 20M model is provided with full monitoring including true patented "Anti-Tamper." Independently tested, the FES20 Series electric strikes are the strongest of their category.

FES20 Series Strikes now come with a 10mm strike lip as standard, to prevent possible personal injury and damage to clothing as with 15mm lips. The FES20M Strike is SCEC approved for secure areas.

The FES20M, FES20M-R + FES20M-M+FES20M-L2 are all SCEC approved for secure areas.

FES20 SERIES

#### **TECHNICAL DETAILS**

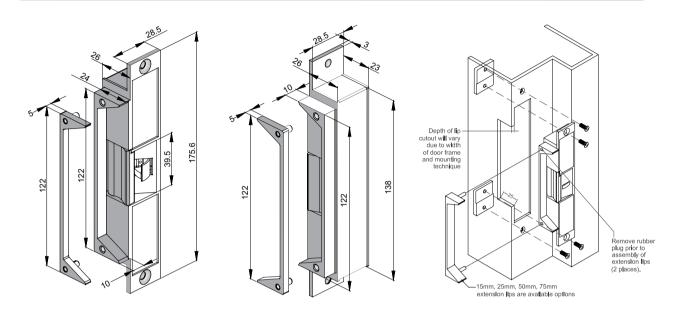
PART NO.	FES20	FES20M	FES20M-R	FES20M-M
FUNCTION	Mortise mount, Power To Lock/Power To Release site interchangeable. Input Voltage: 12-36VDC			
HOLDING STRENGTH	Up to 1490kg			
VOLTAGE/CURRENT	12VDC= 220mA 24VDC= 120mA 36VDC= 80mA			
APPROVALS	SCEC Approved for secure area FES20 & FES20M-R/M) (4 hour fire rated to A.S. and B.S. standards			
MONITORING	FES20 Non monitored FES20M Fully monitored, do Lock Status Monitoring (LSS Strike installed in frame (ATS FES20M-R as FES20M plus a Reed Switch FES20M-M as FES20M plus of	dditional Door Position	Non monitored	

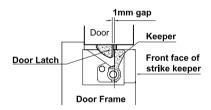
- 5 year warranty
- Simple Power To Lock/Power To Release interchange
- No loose pins and springs
- Pre-drilled for extension lips
- Mounting kit included
- SCEC Approved for secure areas (FES20M, FES20M-R, FES20M-M, FES20M-L2)
- Fire rated
- CE/C-Tick
- Superior holding strength
- SCEC listing

# NEW GENERATION ELECTRIC AND ELECTRONIC LOCKING **FSH**



# PRODUCT DIMENSIONS AND INSTALLATION





## ORDER DETAILS & ACCESSORIES

PART NO.	PRODUCT DESCRIPTION	
FES20	High Security Electric Strike Australian Footprint non-monitored 10mm Lip	
FES20M	High Security Electric Strike Australian Footprint monitored 10mm Lip	
FES20M-L2	High Security Electric Strike Australian Footprint with no extension lip (Lipless)	
FES20M-R	High Security Electric Strike Australian Footprint, 10mm Lip, with additional Door Position Reed Switch (Mortice Lock Face Plate with Magnets required, to be ordered as separate item)	
FES20M-M	High Security Electric Strike Australian Footprint, 10mm Lip, additional Door Position Magnet to be used in combination with Electric Mortice Locks	
FES20MR-AUS	Mortice Lock Faceplates with monitoring magnets for Aust. Lock Company Mortice Lock	
FES20MR-DOR	Mortice Lock Faceplates with monitoring magnets for Dorma Mortice Lock	
FES20MR-KAB	Mortice Lock Faceplates with monitoring magnets for KABA Mortice Lock	
FES20MR-LEG	Mortice Lock Faceplates with monitoring magnets for LEGGE Mortice Lock	
FES20MR-LOC	Mortice Lock Faceplates with monitoring magnets for Lockwood Mortice Lock	
FES20MR-LOC-NS	Mortice Lock Faceplates with monitoring magnets for Lockwood Narrow Style Mortice Lock	
FES20MR-NOV	Mortice Lock Faceplates with monitoring magnets for Novas Mortice Lock	
FES20-Rebate	Rebate Kit for FES20 Series (stainless steel)	

## **PRODUCT FEA20M & FHC20M SERIES**

## FSH RETROLINE ELECTRIC STRIKE REPLACEMENTS FOR HARCOR AND PADDE EA



### PRODUCT DESCRIPTION

The RetroLine Series Strikes are designed to replace the redundant PADDE EA and HARCOR Electric Strikes. The strikes are modified versions of the FSH FES20M product. A small modification on the door frame has to be made to replace existing PADDE EA or HARCOR strikes.

The RetroLine FEA20M and FHC20M high security electric door strikes have Door Status and Lock Status monitoring (DSS &LSS), are manufactured from stainless steel and have the advantage of accepting D.C. voltages from 12 to 36Volts.

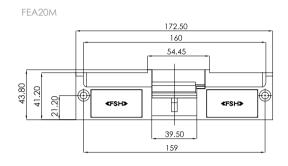
FEA20M & FHC20M SERIES

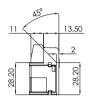
#### **TECHNICAL DETAILS**

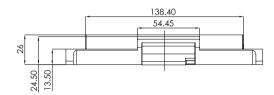
PART NO.	FEA20M	FHC20M
FUNCTION	Mortise mount, Power To Lock/Power To Release site interchangeable. Input Voltage: 12-36VDC	
HOLDING STRENGTH	Up to 1490kg	
VOLTAGE/CURRENT	12VDC=220mA 24VDC=120mA 36VDC=80mA	
APPROVALS	Up to 4h fire rated to AS/BS Standards	
MONITORING	Fully monitored, Door latch monitoring (DSS), Lock Status monitoring (LSS)	

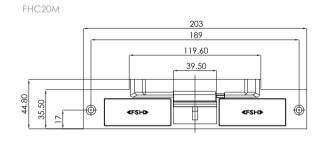
- 5 year warranty
- Simple Power To Lock/Power To Release interchange
- No loose pins and springs
- CE/C-Tick
- Superior holding strength



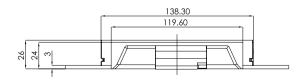












## **PRODUCT FES10 SERIES**

## ELECTRIC STRIKE -ANSI FOOTPRINT



### PRODUCT DESCRIPTION

The patented small ANSI footprint, FES10 Series Electric Strikes are designed for light commercial and residential applications. They accept voltages of either 12 or 24VDC, are fire tested up to a 4 hour fire resistance rating to both Australian and British Fire Test Standards.

The strikes are easily site-interchangeable Power To Lock (PTL) or Power To Release (PTR) by simply changing over the Barbell mechanism. The device is pre-drilled to cater for extension lips, come with a 5 year warranty and have a holding strength of up to 1300kg. The FES10M version comes with Door Status Sensor (door latch monitoring). The FES10 version is weather resistant IP56 rated.

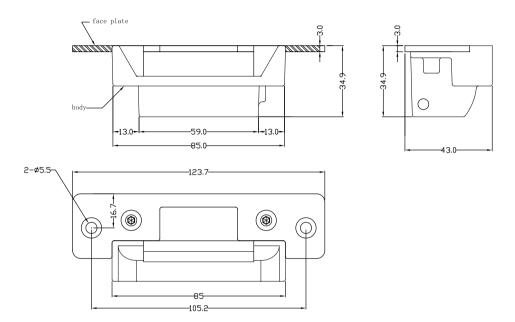
FES10 SERIES

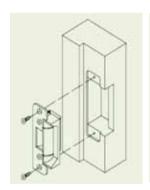
#### **TECHNICAL DETAILS**

PART NO.	FES10M	FES10	
FUNCTION	Mortise mount, Power To Lock/Power To Release site interchangeable. Input Voltage: 12/24VDC		
HOLDING STRENGTH	Over 1	Over 1300kg	
VOLTAGE/CURRENT	Dual Voltage 12VDC/200mA 24VDC/100mA		
APPROVALS	2 hour fire rated to A.S. and B.S. standards		
MONITORING	Door Latch monitoring	Non monitored	
SIZE	L= 125 x W= 42 x D= 35mm		
IP RATING	N/A	Weather resistant IP56	

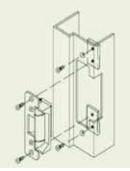
- Stainless steel faceplate and keeper
- Patented Barbell mechanism for simple change of locking function
- Low power consumption
- Compatible with door latch depth of up to 15mm
- Weather resistant IP56 (FES10 non monitored only)
- Superior holding strength of up to 1300kg
- 5 year warranty
- 12 or 24VDC operation
- Pre-drilled for extension lips











Mounting installation on metal, aluminium or PVC door frame

## **ORDER DETAILS & ACCESSORIES**

PART NO.	PRODUCT DESCRIPTION	
FES10M	Electric Strike ANSI Footprint	
FES10	Electric Strike ANSI Footprint weather resistant IP56	
FES10-EL15	FES10 Extension Lip 15mm	
FES10-EL25	FES10 Extension Lip 25mm	
FES10-EL50	FES10 Extension Lip 50mm	
FES10-EL75	FES10 Extension Lip 75mm	

## **PRODUCT FES15 SERIES**

# ELECTRIC STRIKE - RIM MOUNTED (SURFACE)



### PRODUCT DESCRIPTION

The patented RIM-Mounted, FES15 Series Electric Door Strikes are designed for pedestrian gate application or any other light commercial/residential application where a RIM Mounted strike is required. They accept voltages of either 12 or 24VDC, are fire tested up to a 2 hour fire resistance rating to both Australian and British Fire Test Standards.

The strike are easily site-interchangeable Power To Lock (PTL) or Power To Release (PTR) by simply changing over the Barbell mechanism. The device comes with a 5 year warranty and has a holding strength of up to 1250kg. The FES15M version comes with Door Status Sensor (door latch monitoring) and the non-monitored FES15 version is weather resistant IP56 rated.

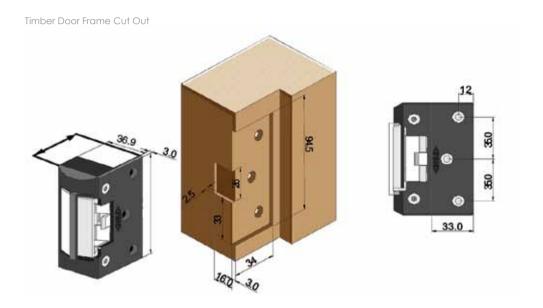
FES15 SERIES

#### **TECHNICAL DETAILS**

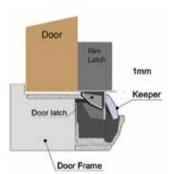
PART NO.	FES15M	FES15
FUNCTION	Surface mount electric strike for rim latch control	
HOLDING STRENGTH	Over 1252kg	
VOLTAGE/CURRENT	Dual voltage 12VDC/200mA 24VDC/100mA	
APPROVALS	2 hour fire rating	
MONITORING	Door latch monitoring Anti Tamper monitoring Non monitored	
IP RATING	N/A	Weather resistant IP56

- Barbell mechanism for easy change of locking function
- Low power consumption
- Weather resistant IP56 (FES15 non monitored only)
- Superior holding strength of up to 1250kg
- 5 year warranty
- 12 or 24VDC operation
- Surface mount for RIM-Locks





# Mechanical Door Lock Configuration



## **ORDER DETAILS**

PART NO.	PRODUCT DESCRIPTION	
FES15M	Electric Strike RIM-Mounted	
FES15	Electric Strike RIM-Mounted weather resistant IP56	

## **PRODUCT FES7**

# COMPACT ELECTRIC STRIKE



### PRODUCT DESCRIPTION

The Compact Electric Strike FES7 is one of the smallest and most versatile strikes in the world today and is suitable for all types of door frames. Designed to be fitted in place of an entrance set strike plate. Minimal effort is required when installing the unit.

The compact size also assists with maintaining the integrity and strength of the door frame. The versatile strike can be mounted on the right or left hand side of a door and is factory configured to operate in fail secure mode.

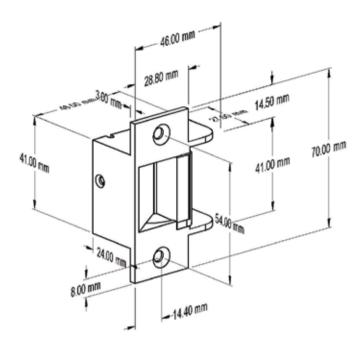
FES7

#### **TECHNICAL DETAILS**

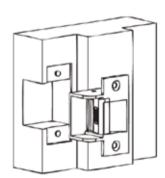
PART NO.	FES7	
FUNCTION	Power To Open (Fail Secure)	
HOLDING STRENGTH	Static force: 500kg Dynamic force: 60J (S5 according to AS4745.2)	
VOLTAGE/CURRENT	12VDC ~ 90mA	
MONITORING	NIL	

- One of the world's smallest strikes
- Easy installation
- Ideal for wooden, steel & aluminium frames
- Size to suit standard entrance set strike plates
- 12VDC low current draw
- Continuously rated solenoid

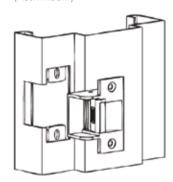




Wooden Jamb Installation (Flush Mount)



Metal Jamb Installation (Flush Mount)



## PRODUCT FES4012

# GLASS DOOR STRIKE



## PRODUCT DESCRIPTION

The FES4012 is suitable for single action 90°+ degree hinged glass door installations. The device is not suitable for double action 180° degree swing through doors.

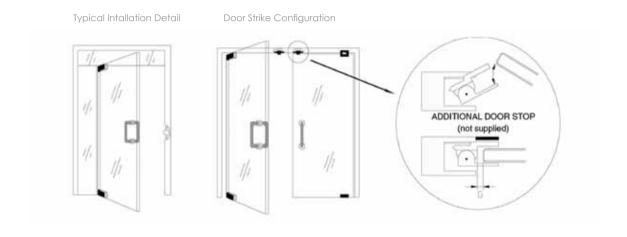
#### FES4012

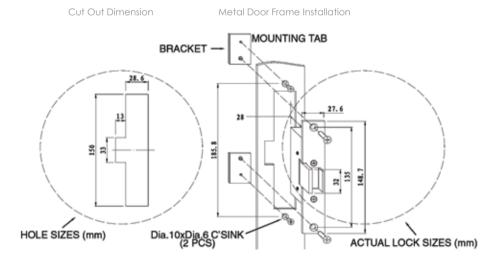
### TECHNICAL DETAILS

PART NO.	FES4012
FUNCTION	Mortise mount, Power To Lock glass door electric strike
HOLDING STRENGTH	Up to 300kg
VOLTAGE/CURRENT	12VDC/240mA
MONITORING	Non monitored
SIZE	L= 148.7 x W= 27.6 x D= 30.1mm

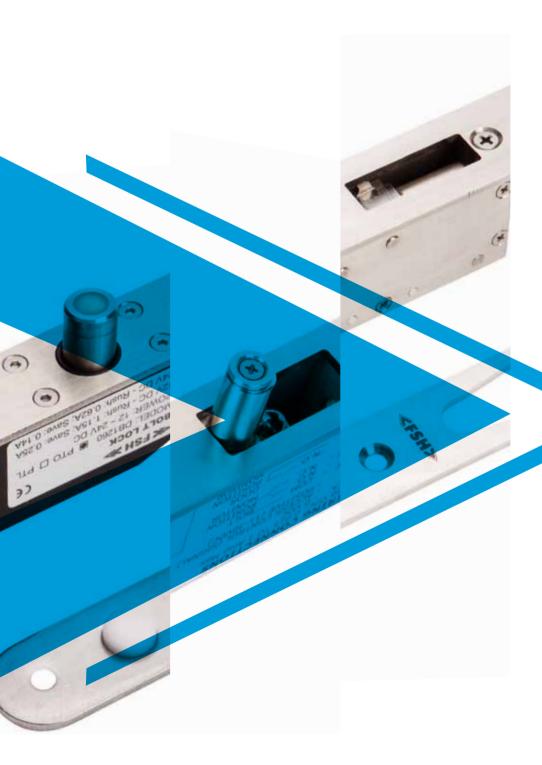
- Power To Lock
- 304 stainless steel faceplate
- 304 stainless steel lock body
- Easy installation
- Low power consumption and low temperature
- Continuous operation
- Used on glass thickness from 10 to 12mm







# **ELECTROMECHANICAL DROP BOLTS**Electromechanical Security





	FEATURES	PART NO.	PP
	High Security Motorised Drop Bolt EcoLock™	VE1260	68
	Standard Electric Drop Bolt	DB1260PTO	72
000	Standard Electric Drop Bott	DB1260PTL	/ 2

## **PRODUCT VE1260**

# HIGH SECURITY MOTORISED DROP BOLT WITH PRE-LOAD CAPABILITY ECOLOCK™



#### VE1260

#### PRODUCT DESCRIPTION

The patented EcoLock VE1260 is a high torque motor driven Drop Bolt with up to 35kg pre-load/side load tolerance. It can be installed vertically in the door frame (lock style) or horizontally in the frame header and has a symmetric dead-bolt mechanism to allow to be used on 180° degree swing through doors.

The VE1260 is considered a "Green Product" as it consumes an inrush current of 290mA@12VDC **only** during locking and unlocking action (Active Mode), then in the locked or unlocked state (Sleep-Mode), the Drop Bolt consumes current less than 15mA@12VDC.

A series of additional Strike Plates allow for door misalignment of up to ±12mm and a retrofit version of the FSH Eco Lock is available to suit the PADDE/TRIMEC ES8000 drop bolt footprint.

An optional LED red/green indicator unit is available.

#### **TECHNICAL DETAILS**

PART NO.	VE1260	
FUNCTION	Mortice Mount, power-to-lock/power-to-release field interchangeable, up to 35kg of Pre-Load capability, unlocking and up to 6.5kg locking	
HOLDING STRENGTH	Up to 1000kg	
VOLTAGE/CURRENT	Multi Voltage 12-30VDC  Active Mode: Locking/Unlocking cycle current is 0.29A to 0.85A depending on the side load.  More side load = more current. See preload vs. current graph.  Sleep-Mode: After locking/unlocking the current drops down to ~0.015A (15mA)	
APPROVALS	CE C-Tick Fire rated in accordance with AS1905.1.2005 Part 1 to up to 4 hours on fire door assemblies	
MONITORING	Lock Status Sensor of the internal locking mechanism Door Status Sensor Built-in Reed Switch, monitoring the door position	
ENVIRONMENTAL	Operational Temperature Range -20° to +60°C	
DURABILITY	Exceeding Australian Standard AS4145.2-2008 400,000 operating cycles • Durability D7	
STRENGTH	Meeting Australian Standard AS4145.2-2008  Static Strength S8 Impact Strength S8	
MAXIMUM DOOR GAP	8mm	
DOOR MISALIGNMENT	Standard Strike Plate <u>+</u> 4mm Special Strike Plate up to <u>+</u> 12mm	

- Releases with up to 35kg of Pre-Load/Side Load
- Motorised locking device
- Durability tested to 400,000 cycles
- Multi voltage from 12 to 30VDC
- Sleep-Mode Current less than 15mA@12VDC
- Fully monitored including Reed Switch for door position
- Up to 1000kg Holding Strength
- 5 year warranty
- Retrofit version for Trimec/PADDE ES8000 (VE1260S Square Edge Version)

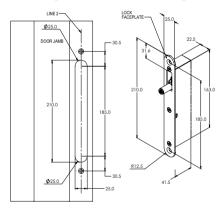


DOOR JAMB
DOOR GAP
DOOR JAMB
DOOR GAP
DOOR JAMB
DOOR GAP
DOOR JAMB
MAX.

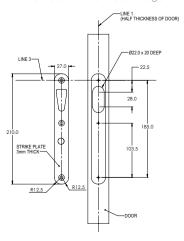
-STRIKE PLATE

FACEPLATE

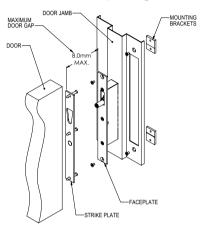
Locking Device VE1260R Round Edge



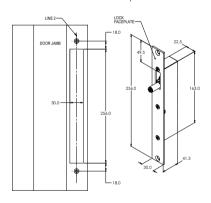
Strike Plate VE1260R Round Edge



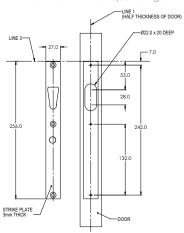
VE1260S Square Edge



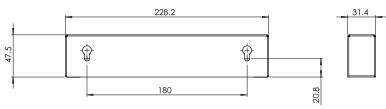
Locking Device VE1260S Square Edge

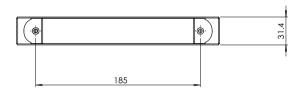


Strike Plate VE1260S Square Edge

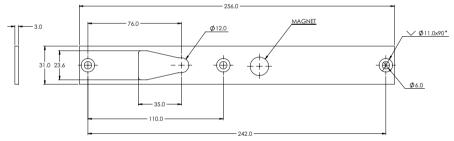


# Glass Door Box **VE1260R-GL**

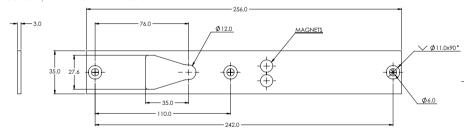




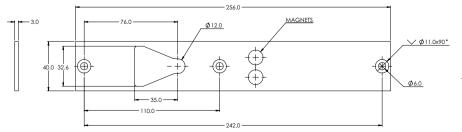
# Accessory Strike Plate **VE1260S-ST6**



## Accessory Strike Plate VE1260S-ST9



# Accessory Strike Plate **VE1260S-ST12**

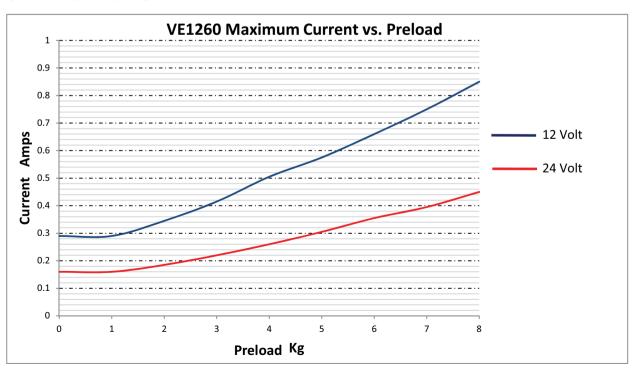




## **ORDER DETAILS**

PART NO.	PRODUCT DESCRIPTION	
ECOLOCK VE1260 SERIES		
VE1260R	EcoLock Pre-Load Drop Bolt 25mm Face Plate including 27mm Strike Plate ROUND EDGE to cater for ±4mm door misalignment	
VE1260S	EcoLock Pre-Load Drop Bolt 30mm Face Plate including 27mm Strike Plate SQUARE EDGE to cater for ±4mm door misalignment (PADDE ES8000 Replacement)	
ACCESSORIES VE1260 SERIES		
VE1260R-GL	Glass Door Box for VE1260R Lock or VE1260R-ST4 Strike Plate ROUND EDGE	
VE1260LED-BOX	LED Monitor Box for Lock-Status Monitoring Indication (Red/Green)	
VE1260R-SCEC	Security Bracket for VE1260R	
VE1260S-ST6	Strike Plate 31mm for VE1260 Series to cater for ±6mm door misalignment minimum  Door Thickness 35mm SQUARE EDGE	
VE1260S-ST9	Strike Plate 35mm for VE1260 Series to cater for ±9mm door misalignment minimum  Door Thickness 40mm SQUARE EDGE	
VE1260S-ST12	Strike Plate 40mm for VE1260 Series to cater for ±12mm door misalignment minimum  Door Thickness 50mm SQUARE EDGE	

## **CURRENT VS. PRELOAD GRAPH**



# PRODUCT DB1260

# STANDARD ELECTRIC DROP BOLT MORTICE MOUNT



### PRODUCT DESCRIPTION

The DB1260 is designed for installation on narrow frame swing doors, and/or glass door mounting. The drop bolt body depth of 35mm will fit into a 44mm depth door frame. The drop bolt is available in either "Power To Lock" or "Power To Release" format.

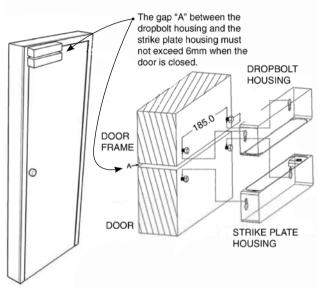
DB1260

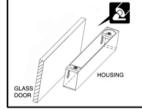
### TECHNICAL DETAILS

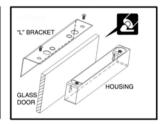
PART NO.	DB1260PTO (Power To Release)	DB1260PTL (Power To Lock)
FUNCTION	Slimline mortise mount drop bolt	
HOLDING STRENGTH	Up to 300kg	
VOLTAGE/CURRENT	12VDC 1.15A(in-rush) 250mA holding	
APPROVALS	4 hour fire rated to A.S. and B.S. standards	
MONITORING	Door sensor Remote release Bi-coloured LED Audible tone	
ENVIRONMENTAL	L= 210 x W= 25 x D= 35mm	

- Internal control circuits protect drop bolt pin from damage
- Power To Lock or Power To Release (to be specified)
- Auto lock function
- Built-in varistor (MOV) for surge protection
- Time delay setting at 0/3/6/10 secs
- 1 year warranty









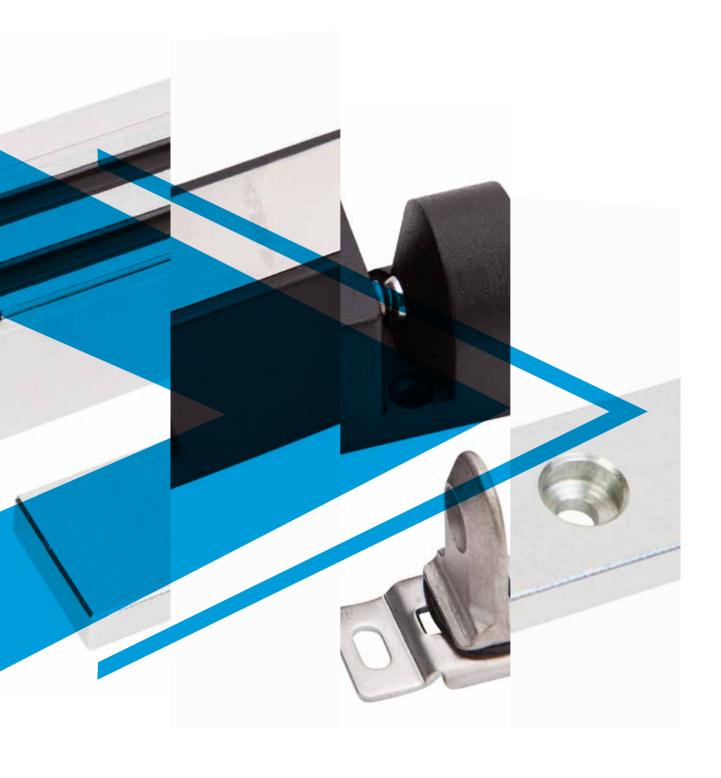
## **GLASS DOOR MOUNT APPLICATION**

- 1. All surfaces must be clean, free of dirt,oil or grease
- Apply 3M VHB adhesive (not supplied) in accordance with the manufactures instructions and fit to glass door/head panel as detailed below

#### **ORDER DETAILS & ACCESSORIES**

PART NO.	PRODUCT DESCRIPTION	
DB1260		
DB1260PTO	Slimline Drop Bolt Faceplate 25mm round style Power To Release/Open	
DB1260PTL	Slimline Drop Bolt Faceplate 25mm round style Power To Lock	
DROP BOLT ACCESSORIES		
DB1260BOX	Surface Mount Box for DB1260 Slimline Drop Bolt	
DB1260LPLATE	Long Strike Plate for DB1260 Slimline Drop Bolt	
DB1260LMAG	L-Glass-Fixing-Bracket for DB1260 with Magnets	
DB1260L	L-Glass-Fixing-Bracket for DB1260 without Magnets	
UBG-1260L	Glass Patch Fitting with Strike Plate LEFT handed	
UBG-1260R	Glass Patch Fitting with Strike Plate RIGHT handed	

# **ELECTROMECHANICAL CABINET LOCKS**Electromechanical Security





	FEATURES	PART NO.	PP
·	Early Warning Electromagnetic Cabinet Lock	EW3000	76
		5010001	
- nd	Electric Cabinet Lock	FCL0001 FCL0002	78

## **PRODUCT EW3000**

## EARLY WARNING ELECTROMAGNETIC CABINET LOCK MONITORED



## PRODUCT DESCRIPTION

The FEW3000 early warning alarm lock is purposely designed to provide security to all types of drug cabinets, refrigerators, lockers, show cases, containers and the like where not only locking but also monitoring of both the locking device (LSS) power on / power off, and door position (DSS), door opened or closed, is of concern.

The FEW3000 is also provided with the unique feature of "Early Warning", in the event that unauthorised attempts are made to open the door the locking device triggers a changeover relay signalling 'unauthorised attempted entry'.

The lock has a holding force of up to 40kg and accepts 12VDC with a current of 0.3amps and has a working temperature of minus 10°C to plus 50°C.

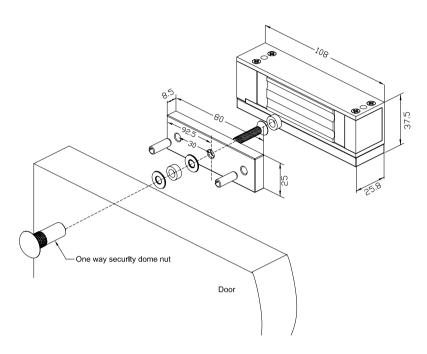
EW3000

#### **TECHNICAL DETAILS**

PART NO.	FEW3000
HOLDING STRENGTH & DURABILITY	Up to 40kg
VOLTAGE/CURRENT	12VDC/300mA
MONITORING	DSS, Door Status, LSS, Lock Status, Early Warning
SIZE	Locking Device L= 107 x W= 37 x D= 25mm Armature Plate L= 80 x W = 25 x D = 9mm

- Working temperature -10° to +50°C
- Full monitoring DSS/LSS
- Early warning feature
- 5 year warranty
- Low power consumption
- Power OFF to Release Door





## PRODUCT FCL0001 & FCL0002

## ELECTRIC CABINET LOCK



## PRODUCT DESCRIPTION

The FCL0001 & FCL0002 are suitable for surface mount installation on all types of cabinets, or lockers. The cabinet locks are designed to fit into cabinets and lockers with hinged or sliding doors from either the front or side of the door. The lock function is interchangeable between Power To Lock and Power To Release. The devices are supplied in a dual voltage configuration, 12VDC or 24VDC.

The FCL0002 Cabinet Lock version comes with Lock Status Sensor (LSS), monitoring the locking pin and Door Status Sensor (DSS), monitoring if the door is open or close.

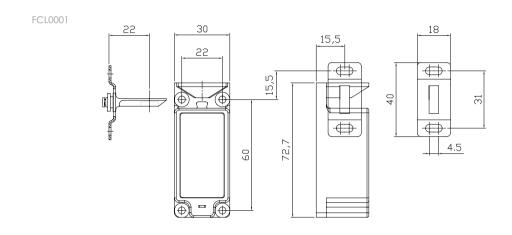
FCL0001 & FCL0002

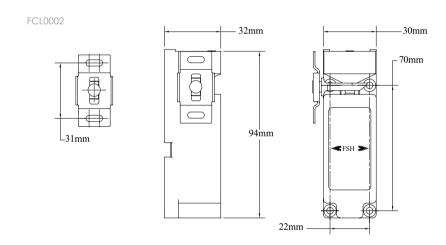
#### **TECHNICAL DETAILS**

PART NO.	FCL0001	FCL0002
FUNCTION	Surface mount cabinet/Locker electric lock	Surface mount cabinet/Locker electric lock
HOLDING STRENGTH	Up to 150kg	Up to 150kg
VOLTAGE/CURRENT	12VDC/190mA 24VDC/90mA	12VDC/200mA 24VDC/100mA
MONITORING	N/A DSS, Door Status	
SIZE	L= 72.7 x W= 28.8 x D= 28.5mm	L= 93 x W= 30x D= 32mm

- Small size
- Power To Lock/Power To Release changeover
- Full monitoring DSS/LSS (FCL0002)
- 12 or 24VDC
- Up to 150kg holding force
- 5 year warranty







## **ORDER DETAILS**

PART NO.	PRODUCT DESCRIPTION	
FLC0001	Cabinet Lock	
FLC0002	Cabinet Lock monitored	
FCL0001-AP	Armature Plate for FCL0001 and FLC0002	

# **ELECTROMAGNETIC DOOR HOLDERS**Electromechanical Security





FEATURES	PART NO.	PP
Standard Magnetic Door Holders	R40	82
	R40	
Standard Magnetic Door Holders	R60	84
Heavy Duty Magnetic Door Holder Fire Rated	35000 SERIES	86
Heavy Duty Magnetic Door Holder Fire Rated with Extension	35000 SERIES	88
	Standard Magnetic Door Holders  Standard Magnetic Door Holders  Heavy Duty Magnetic Door Holder Fire Rated  Heavy Duty Magnetic Door Holder	Standard Magnetic Door Holders  R40  Standard Magnetic Door Holders  R60  Heavy Duty Magnetic Door Holder Fire Rated  Heavy Duty Magnetic Door Holder Standard Magnetic Door Holder Fire Rated  A5000 SERIES

## **PRODUCT R40 SERIES**

# STANDARD MAGNETIC DOOR HOLDER FIRE RATED



## PRODUCT DESCRIPTION

Fire and smoke door, magnetic holder, titanium alloy surface finished, elegant appearance. Installed on fire and smoke doors in projects where doors are required to be held in the open position for both pedestrian and general traffic, the devices have to be linked into a buildings fire/smoke alarm system.

When an alarm occurs, power is removed from the devices and the doors are returned to the closed condition, preventing the spread of fire and/or smoke to other areas. The devices are fire tested to a rating of 4 hours and are supplied either 12 or 24VDC.

R40

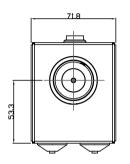
#### **TECHNICAL DETAILS**

PART NO.	R40-12(12Volt)	R40-24(24Volt)	R40PCV12(12Volt)	R40PCV24(24Volt)
FUNCTION	Wall mount electro magnetic door holder for fire and smoke doors		Floor mount electro magnetic door holder for fire and smoke door	
HOLDING STRENGTH	Up to 25kg		Up to	25kg
VOLTAGE/CURRENT	12VDC/160mA 24VDC/80mA		12VDC/160mA	24VDC/80mA
SIZE	D= 41.5 x W= 71.8 x H= 85.3		D= 62 x W= 5	9 x H= 88mm

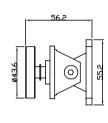
- Fire rated
- Up to 25kg holding force
- 12 and 24VDC options
- Floor mount and wall mount options
- Fail safe operation
- 2 year warranty

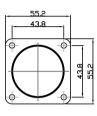


## FLOOR MOUNT R40PCV-12/24

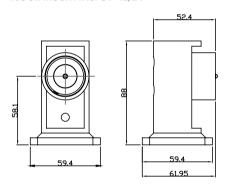


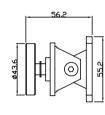


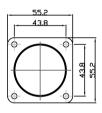


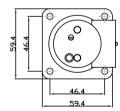


## FLOOR MOUNT R40PCV-12/24









TYPE OF INSTALLATION







## PRODUCT R40 & R60

## STANDARD MAGNETIC DOOR HOLDER FIRE RATED WITH EXTENSION



## PRODUCT DESCRIPTION

Fire and smoke door magnetic holder, titanium alloy surface finished, elegant appearance. Installed on fire and smoke doors in projects where doors are required to be held in the open position for both pedestrian and general traffic, the devices have to be linked into a buildings fire/smoke alarm system.

When an alarm occurs, power is removed from the devices and the doors are returned to the closed condition, preventing the spread of fire and/or smoke to other areas. The devices are fire tested to a rating of 4 hours and are supplied either 12 or 24VDC.

R40 & R60

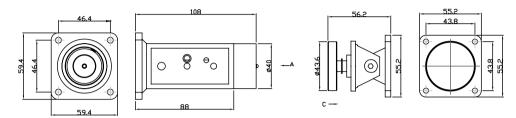
#### **TECHNICAL DETAILS**

PART NO.	R40PCH12(12Volt)	R40PCH24(24Volt)	R60PCV12(12Volt)	R60PCV24(24Volt)
FUNCTION	Wall mount extension type electro magnetic door holder for fire and smoke doors		Floor mount electro magnetic door holder for fire and smoke doors	
HOLDING STRENGTH	Up to 25kg		Up to 60kg	
VOLTAGE/CURRENT	12VDC/160mA 24VDC/80mA		12VDC/180mA	24VDC/90mA
SIZE	H= 59 x W= 59 x D= 108mm		L= 60 x W= 10	08 x H= 60mm

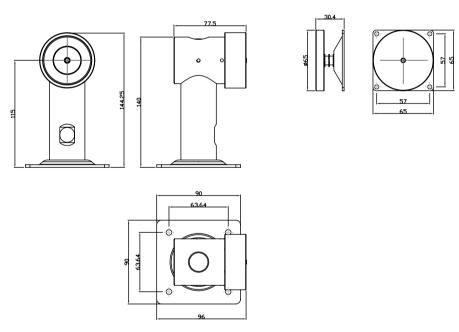
- Fire rated
- R40 up to 25kg holding force
- R60 up to 60kg holding force
- 12 and 24VDC options
- Floor mount and wall mount options
- 2 year warranty



## WALL MOUNT R40PCH-12/24



## FLOOR MOUNT R60PCV-12/24



## TYPE OF INSTALLATION



## **PRODUCT 35000 SERIES**

# HEAVY DUTY MAGNETIC DOOR HOLDER FIRE RATED



## PRODUCT DESCRIPTION

Heavy duty fire and smoke door magnetic holder, with 40kg holding force, titanium alloy surface finished, elegant appearance. Installed on fire and smoke doors in projects where doors are required to be held in the open position for both pedestrian and general traffic, the devices have to be linked into a buildings fire/smoke alarm system.

When an alarm occurs, power is removed from the devices and the doors are returned to the closed condition, preventing the spread of fire and/or smoke to other areas. The devices are fire tested to a rating of 4 hours and are supplied either 12 or 24VDC.

35000 SERIES

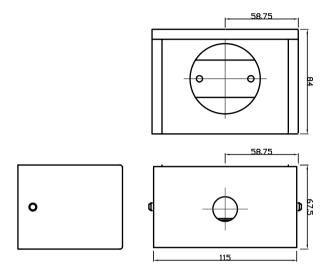
#### **TECHNICAL DETAILS**

PART NO.	35772		
DESCRIPTION	Heavy duty floor mount door holder box, cream colour		
TYPE OF MOUNT	Floor r	nount	
SIZE	D= 67.5 x W= 1	15 x H= 84mm	
PART NO.	35770 35771		
FUNCTION	Heavy duty flush mount magnetic door to suit standard electrical box. Or Floor mount with 35772 box		
HOLING FORCE	Up to 40kg		
VOLTAGE/CURRENT	12VDC/100mA 24VDC/50mA		
SIZE	D= 50 x W= 74 x H= 115mm		

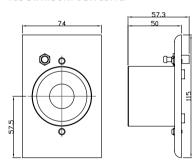
- Fire rated
- Up to 40kg holding force
- 12 and 24VDC options
- Floor mount and wall mount options
- 2 year warranty

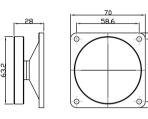


## WALL MOUNT 35770 & 35771



## FLOOR MOUNT BOX 35772





## TYPE OF INSTALLATION







## **PRODUCT 35000 SERIES**

## HEAVY DUTY MAGNETIC DOOR HOLDER FIRE RATED WITH EXTENSION



## PRODUCT DESCRIPTION

Fire and smoke door magnetic holder, 40kg holding force, titanium alloy surface finished, elegant appearance. Installed on fire and smoke doors in projects where doors are required to be held in the open position for both pedestrian and general traffic, the devices have to be linked into a buildings fire/smoke alarm system.

When an alarm occurs, power is removed from the devices and the doors are returned to the closed condition, preventing the spread of fire and/or smoke to other areas. The devices are fire tested to a rating of 4 hours and are supplied either 12 or 24VDC.

35000 SERIES

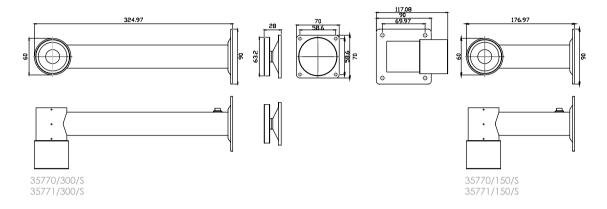
#### **TECHNICAL DETAILS**

PART NO.	35770/150/S	35771/150/S	35770/300/S	35771/300/S
TANINO.	33770/130/3	33771713073	33770730073	33771730073
FUNCTION		Omm extension netic door holder	Heavy duty 300 wall mount magr	
HOLING FORCE		Up to	40kg	
VOLTAGE/CURRENT	12VDC/100mA	24VDC/50mA	12VDC/100mA	24VDC/50mA
SIZE	D= 207 x W= 90 x H= 90mm		D= 355 x W= 90 x H= 90mm	
PART NO.	35770/150/90	35771/150/90	35770/300/90	35771/300/90
FUNCTION	Heavy duty 150mm 90° extension, wall & floor mount magnetic door holder  Heavy duty 300mm 90° extension, wall & floor mount magnetic door holder			
HOLING FORCE	Up to 40kg			
VOLTAGE/CURRENT	12VDC/100mA	24VDC/50mA	12VDC/100mA	24VDC/50mA
SIZE	D= 117 x W= 9	0 x H= 176mm	D= 117 x W= 9	0 x H= 324mm

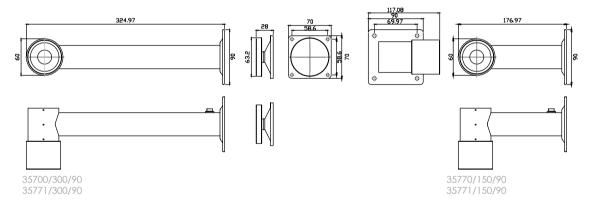
- Fire rated
- Up to 40kg holding force
- 12 and 24VDC options
- Floor mount and wall mount options
- 2 year warranty



## WALL MOUNT R40PCH-12/24



## FLOOR MOUNT R60PCV-12/24



## TYPE OF INSTALLATION



# **SPECIAL LOCKING DEVICES**Electromechanical Security





	FEATURES	PART NO.	PP
= -1			
	Battery Operated Keyless Entry Device	RF15	92
-	High Security Electric Dead-Lock Strike	FES110-30	94
The state of the s	night security Electric Dedd-Lock Strike	FES110-40	74
	High Security Electric Custodial Strike	FES112	96

## **PRODUCT RF15**

## BATTERY OPERATED KEYLESS ENTRY DEVICE FOR HOME & OFFICE



## PRODUCT DESCRIPTION

The RF15 is a battery operated stand alone electric strike with keyless entry options that can also retrofit in combination with existing standard surface RIM mount dead-latches.

All circuitry and power is located within the strike housing and therefore eliminating the need to run any cable to a power supply or the strike. The strike can be activated using a remote key fob and/or by remote controlled wireless keypad. The signal releases the keeper allowing the door to be pushed or pulled open. The keeper will remain unlatched for a pre-determined time. Up to 7000 operations on standard AA batteries.

The package of the RF15 contains,

- 1. 1 x Battery operated strike
- 2. 2 x Key fobs
- 3. 1 x Key pad

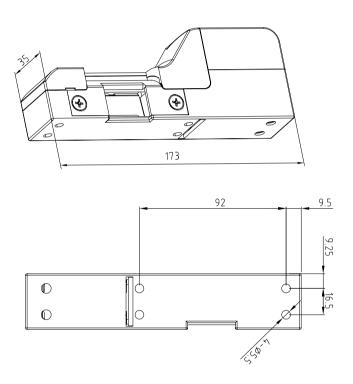
RF15

#### **TECHNICAL DETAILS**

PART NO.	RF15
FUNCTION	Battery operated keyless entry via keyless code-pad and/or remote control
HOLDING STRENGTH & DURABILITY	Up to 500kg
POWER SUPPLY	4 AA Batteries
APPROVALS	CE C-Tick Fire rated in accordance with AS1905.1.2005 Part 1 to up to 4hours on fire door assemblies
ENVIRONMENTAL	Operational Temperature Range -5°C to +60°C
STRENGTH	Meeting Australian Standard AS4145.2 Static Strength S6 Impact Strength S8

- Wireless Keypad and Remote Control Key-Fob
- Highly secure Rolling Code Technology
- Installed with standard mechanical deadlatch
- DIY Installation in minutes
- Mechanical Key Override (on mechanical door lock)
- Smart power management and low battery Indicator
- 1 year warranty





# ORDER DETAILS

PART NO.	PRODUCT DESCRIPTION
RF15	Battery Operated Strike, 1 Keypad, 2 Keyfobs
RF15F	Key FOB
RF15P	Key PAD

## PRODUCT FES110

# HIGH SECURITY ELECTRIC DEAD-LOCK STRIKE



## PRODUCT DESCRIPTION

The FES110 series dead - lock electric door strike release mechanism has been designed to provide door access control while maximising security to a door assembly fitted with square bolt deadlocks.

The FES110 monitors both door lock tongue and internal locking of the strike. The device is supplied in 12VDC or 24VDC, 2 year warranty.

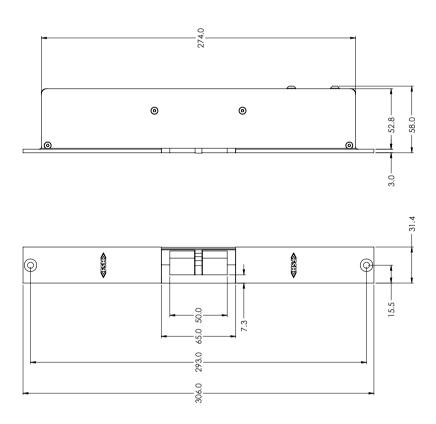
FES110

## TECHNICAL DETAILS

PART NO.	FES110-30-12PTL/24PTL	FES110-40-12PTR/24PTR
FUNCTION	Power To Lock	Power To Release
HOLDING STRENGTH	Up to 500kg	
VOLTAGE/CURRENT	12VDC/900mA 24VDC/450mA	
APPROVALS	2 hour fire rated and S.C.E.C. Approved	
MONITORING	Lock bolt and locking solenoid	
SIZE	L= 306 x W= 32 x H= 58mm	

- Stainless steel faceplate and keeper
- Holding strength of up to 500kg
- 2 year warranty
- 12 or 24VDC operation (has to be specified)
- Monitoring Lock Status (LSS) and Door Status (DSS)
- Fire rated to up to 2hours
- PTO and PTR version available





# ORDER DETAILS

PART NO.	PRODUCT DESCRIPTION
FES110-30-12PTL	FES110 Strike 12Volt Power To Lock
FES110-30-24PTL	FES110 Strike 24Volt Power To Lock
FES110-40-12PTR	FES110 Strike 12Volt Power To Release
FES110-40-24PTR	FES110 Strike 24Volt Power To Release

## PRODUCT FES112

## HIGH SECURITY ELECTRIC CUSTODIAL STRIKE



#### PRODUCT DESCRIPTION

The FES112 is purposely designed for heavy duty high security applications where superior holding strength is required, such as detention centres, correctional facilities and the like. The Strike works in conjunction with a heavy duty double throw deadlock. With a holding force in excess of 1000kg, multiple monitoring functions and multi-voltage regulation, the FES112 is the perfect locking device for a variety of high security installations and a viable solution for either new or retrofit high security projects. The device is supplied with a series 2 to series 3 simple change over switch.

Series 3 configuration provides the device with door position monitoring, in this configuration the FES112 cannot be secured until the door is in the closed position and the lock monitoring tongue is depressed.

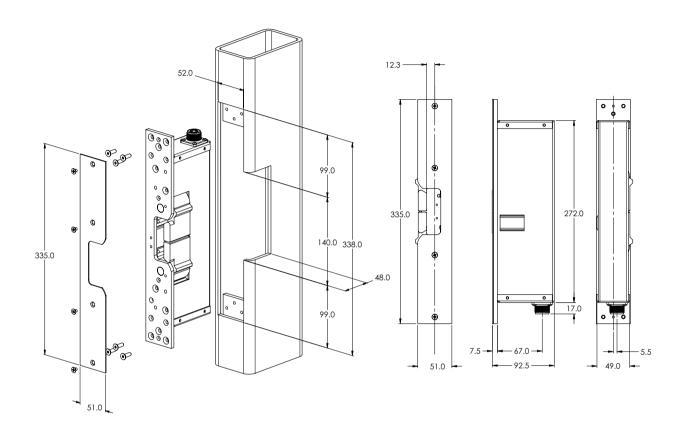
FES112

#### **TECHNICAL DETAILS**

PART NO.	FES112
FUNCTION	Power To Open (Fail Secure)
HOLDING STRENGTH	More than 1000kg
VOLTAGE/CURRENT	Multi Voltage 12-30VDC 12VCD, 1.5A current draw 24VCD, 0.75A current draw
MONITORING	Strike Jaws. Door Lock Bolt Status Sensor Door Position Reed Switch Strike Plate Removed (Anti-Tamper)
TEMPERATURE RANGE	-20°C to +60°C
LOCK DEAD BOLT DIMENSION	Fully extended = 33-36mm Width = 10-17mm Height = 57-59mm

- Stainless steel faceplate and keeper
- Ultra high holding force in excess of 1000kg
- Full monitoring (strike jaws, lock position, door position and cover plate)
- Multi Voltage operation 12-30VDC
- Smart Electronics, one lock for several applications (Revisions)
- Fail Secure operation
- Body, high grade tooling steel hardened to 60 Rockwell
- Jaws, Molybdenum coated hardened steel
- Change over switch series 2 or 3





## **ORDER DETAILS**

PART NO.	PRODUCT DESCRIPTION
FES112	High Security Dead Bolt Strike FES112 Series NEW Electronics Rev.2 &3 selectable

# **NOTES**









