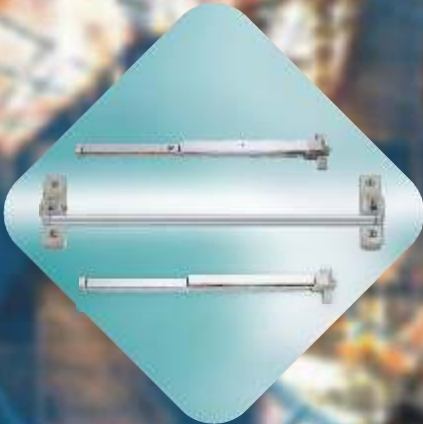
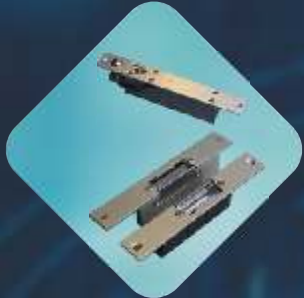


in or out... we make it perfect.

Faradays Micro systems - established in 1994, specializes in the design and manufacturing of premium grade access control hardware, also known as access hardware, Electromagnetic Locks, Electric Strikes, Electric Drop Bolt, Exit Switches, Panic Bars (Exit devices) and Power Supplies.

With distribution throughout India, we consistently strive to lead the industry by providing high - quality, reliable products for the most advanced life safety and access control systems. All the products carry the brand name of Faradays.

As Faradays continues to grow, the focus is on responsive customer service, technical support, fast delivery, product variety, installation ease, and reliability. From our product humble beginnings 1994 to our current status as a highly respected and trusted provider of security products, Faradays expertise and integrity spans the decade, helping our customers grow and maintain their competitive edge.



www.faradays.com

 **faradays**

Our low-profile mini magnets have been extremely popular for interior traffic control. The surface mini magnet design (1-7/8" width) helps keep undersized openings within code. These ideal magnets for use on narrow-style aluminum doors!

FTS100 - Mini Magnet



Lock size: 1" D x 1-7/8" W x 9-27/32" L
(25.4mm x 47.6mm x 250mm)

Armature size: 15/32" Dx 1-1/2"W x 7-1/8"
(11.9mm x 40 mm x 181 mm)

- Low-profile design
- Adjustable mounting bracket
- Easy wiring access cavity
- Holding force - 70 lbs. (318 kg.)
- Voltage - 12/24 V-DC on site selectable
- Current draw - 12V / 500 ma : 24V / 250 ma
- Finish Natural anodized Aluminum
- Lock Weight - 2.25 lbs
- Armature Weight - 2 lbs
- Fail safe - Release instantly when power is discontinued
- Silent operation - No annoying humming and buzzing noise
- Reliability - No Mechanical moving part, Won't wear out
- Reversible - Not Handled
- Easy installation include necessary components and template
- Compatibility - can be used with any access control
- Application: Out-swinging Door
- Optional In-Swinging apply with Brackets FTS100 L Z
- Limited Warranty - 1 year

FTS101-Mini Magnet

Mini Magnet with above function plus inbuilt Bond Sensor (Door status sensor), Dual colour LED and Relay dry contact output - COM, NO & NC, Rating - 500ma at 24V-DC/AC

FTS100D - Double Mini Magnet



Lock size: 1" D x 1-7/8" W x 19-11/16" L
(25.4mm x 47.6mm x 500mm)

Armature size: 15/32" Dx 1-1/2"W x 7-1/8"
(11.9mm x 40 mm x 181 mm)

- Low-profile design
- Adjustable mounting bracket
- Easy wiring access cavity
- Holding force - 70 lbs. (318 kg.) on each magnet
- Voltage - 12/24 V-DC on site selectable
- Current draw - 12V/500 ma: 24V / 250 ma on each magnet
- Finish - Natural anodized Aluminum
- Lock Weight - 2.25 lbs
- Armature Weight - 2 lbs
- Fail safe - Release instantly when power is discontinued
- Silent Operation - No annoying humming and buzzing noise
- Reliability - No Mechanical moving part, Won't wear out
- Reversible - Not Handled
- Easy Installation Include necessary components and template
- Compatibility - can be used with any access control
- Application : Out-swinging Door
- Optional In-Swinging apply with Brackets FTS100 L Z
- Limited Warranty - 1 year

FTS101D - Double Mini Magnet

Mini Magnet with above function plus inbuilt Bond Sensor (Door status sensor), Dual colour LED and Relay dry contact output - COM, NO & NC, Rating - 500 ma at 24V - DC/AC



FTS50 - Micro Magnet



Lock size: 13/16" D x 1-11/16" W x 7-7/8" L
(20.6mm x 43mm x 200mm)

Armature size: 3/8" Dx 1-3/8"W x 5-9/16"
(10mm x 34.5mm x 141mm)

- Low-profile design
- Easy wiring access cavity
- Holding force - 300 lbs. (136kg.)
- Voltage - 12/24 V-DC on site selectable
- Current draw - 12V / 250 ma : 24V / 125 ma
- Finish - Natural anodized Aluminum
- Lock Weight - 1.1 lbs
- Armature Weight - 1lbs
- Fail safe - Release instantly when power is discontinued
- Silent Operation - No annoying humming and buzzing noise
- Reliability - No Mechanical moving part, Won't wear out
- Reversible - Not Handled
- Easy Installation Include necessary componenets and template
- Compatibility - can be used with any access control
- Application: Out-swinging Door
- Optional In-Swinging apply with Brackets FTS 50 L Z
- Limited Warranty - 1 year



FTS50D - Double Micro Magnet



Lock size: 13/16 "D x 1-11/16" W x 15-24/32" L
(20.6mm x 43mm x 400mm)

Armature size: 3/8" Dx 1-3/8"W x 5-9/16"
(10mm x 34.5mm x 141mm)

- Low-profile design
- Easy wiring access cavity
- Holding force - 300lbs. (136kg.) on each magnet
- Voltage - 12/24 V-DC on site selectable
- Current draw - 12V / 250 ma : 24V / 125 ma
- Finish - Natural anodized Aluminum
- Lock Weight - 1.1 lbs
- Armature Weight - 1lbs
- Fail safe - Releases instantly when power is discontinued
- Silent Operation - No annoying humming and buzzing noise
- Reliability - No Mechanical moving part, Won't wear out
- Reversible - Not Handled
- Easy Installation Include necessary componenets and template
- Compatibility - can be used with any access control
- Application: Out-swinging Door
- Optional In-Swinging apply with Brackets FTS 50 L Z
- Limited Warranty - 1 year



FTS 51 - Micro Magnet

Micro Magnet with above function plus Inbuilt Bond Sensor (Door status sensor) , Dual colour LED and Relay dry contact output - COM, NO & NC, Rating - 500ma at 24V-DC/AC



FTS 51D - Double Micro Magnet

Double Micro Magnet with above function plus Inbuilt Bond Sensor (Door status sensor) , Dual colour LED and Relay dry contact output-COM, NO & NC, Rating - 500ma at 24V-DC/AC

ELECTRIC STRIKES / DROP BOLT



FES 10 - Electric Strikes



Size :	A = 160mm X 25 mm X 31 mm
Keeper Depth:	5/8"
Strike Opening:	3/4" x 1-3/8
Tamper Resistance:	Up to 1000 lbs
Durability:	Min.500,000
Rating:	12VDC, 218ma, 55ohms
Temperature Resistance :	165° F to 20° F

- Electrical option:
- Finish: Satin Chrome
- For hollow metal jambs
- Fail secure: Normally Locked
- Reversible: Non-Handed
- Limited Warranty - 1 year



Drop Bolt



Lock size :	205 mm X38 mm X44 mm
Aprox Weight:	795 kgs
Operating voltage	12V D.C
Voltage tolerance	+ or - 10%
Standby current	350 ma
Working current	1040 ma
Temp.range	- 20°C. - 70° C.
Power consumption	3.12W (Standby), 108W (Work)

- Fail safe Release instantly when power is discontinued
- With magnetic switch for censoring door position
- With electronics control for over heating
- Operation - Drop to hold position by magnetic
- Application As auxiliary lock for emergency door glass sheet door.
- Limited Warranty - 1 year

BRACKETS

Universal L Brackets

- FTS 100L for single magnet
- FTS 100DL for double magnet



- Easy access wiring cavity
- Suitable for single and double magnet
- Adjustable momenting brackets
- Anodized clear aluminum finish

Universal L & Z Brackets

- FTS 100L & Z for single magnet
- FTS 100DL & Z for double magnet



- Easy access wiring cavity
- Suitable for single and double magnet
- Adjustable momenting brackets
- Anodized clear aluminum finish

Universal U Brackets

- FTS 100 U Universal U Bracket for Glass Door



- The Universal brackets are specially used for Glass doors.
- Anodised clear aluminum finish
- Can be used for 1/2" , 5/8" and 3/4" thickness glass door

PANIC EXIT DEVICE

FIRE RATED, PUSH TYPE

Faraday's exit devices meet the demand for superior hardware. These durable devices are designed to meet the need of modern Touch Bar/cross Bar Staying for heavy traffic applications by eliminating the need for lever arms. All our exit devices are suitable for use at emergency exit in sky high office buildings, shopping centres, schools, Universities, factories, indoor stadiums, concert halls, theaters, Restaurants, hospitals, station, airports, all commercial or public buildings and government buildings..etc.



300P - Panic Bar (Cross Bar Type)

Rim type exit devices ...a traditional crossbar design with wide acceptance because of the streamline appearance. Tested in accordance to ANSI A156.3.



Dimensions

Crossbar height to finished floor	36-13/16" (1011mm) at centre
Crossbar projection	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Cross bar length	42" (1067 mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184 mm x 30mm x 7mm)
Crossbar tubing	1" (25mm)

- Field sizable
- 3/4" (19mm) Latch built
- Good finish (Painted with S. S. tubing)
- Hex key dogging
- Suitable for Aluminium, Hallow metal and wood.
- Limited Warranty - 1 year



500P - Panic Bar (UL approved, 3 hours fire rated)

Super heavy duty design provides superior life safety and security benefits.



- Non handed design.
- Tough and durable design for years of trouble free service in high use, high abuse environments.
- Simple, accurate and fast installation for new or replacement application.
- Minimal door preparation saves cost and time.
- Patent bending mounting plate and strike locator for fast, accurate installation.
- Mounting plate system provides for easy installation.
- Slight pressure on device touch bar will retract latch(s) for immediate exit.
- Auxiliary guarded latch deadlocks bolt automatically when door is closed.
- High shock-resistant latching mechanical design for protection from vandalism.
- All inside components are made of high rust- resistant alloy or heavy electroplates steel, no corrosion is concerned.
- All trim feature a through - bolted design to the device that allow user can make more security and durability installation.
- 1/8 turn hex key or cylinder dogging
- Limited Warranty - 1 year



500P RIM Exit Devices (Patented Alarm Function, UL approved, 3 hours Fire rated)

Alarmed exit devices designed for areas that require a stand alone on an emergency exit door. The internal alarm with remote signal and remote bypass capabilities is ideal for doors where both security and fire safety are a concern.



- Approximate 100db directional piezo alarm
- 9V-DC or 12V-AC (Transformer required for 12V-AC)
- Keyswitch arming
- Pushpad switching



FPS 1A



- Size : 227mm(w) x 245mm (L) x 85 mm (D)
- Power input : 220V-AC
- Power output: 1amp @ 12V-DC
- Easy wiring access cavity
- Filtered and regulated voltage output
- Special fuse and surge protection on input AC
- Fuse and surge protection on output DC
- Built in battery charging circuit
- Sufficient space is available to install the batteries.
- Power on LED and DC output LED
- Powder coated, half white
- Limited Warranty - 1 year



FPS 2A



- Size : 227mm(w) x 245mm (L) x 85 mm (D)
- Power input : 220V-AC
- Power output: 2amp @ 12V-DC
- Easy wiring access cavity
- Filtered and regulated voltage output
- Special fuse and surge protection on input AC
- Fuse and surge protection on output DC
- Built in battery charging circuit
- Sufficient space is available to install the batteries.
- Power on LED and DC output LED
- Powder coated, half white
- Limited Warranty - 1 year



FPS 3A



- Size : 227mm(w) x 245mm (L) x 85 mm (D)
- Power input : 220V-AC
- Power output: 3amp @ 12V-DC
- Easy wiring access cavity
- Filtered and regulated voltage output
- Special fuse and surge protection on input AC
- Fuse and surge protection on output DC
- Built in battery charging circuit
- Sufficient space is available to install the batteries.
- Power on LED and DC output LED
- Powder coated, half white
- Limited Warranty - 1 year

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