

# Electromagnetic Locks

8371 

8 Series Minimags®

8372 



*In or Out...we make it Easy!®*



## 8371

Single Outswinging  
Interior Doors  
1"D x 1-7/8"W x 9-3/8"L  
(25.4mm x 47.6mm x 238.1mm)  
Including 3/16" (4.8mm) mounting bracket



Enhanced LED Size  
for Better Visibility  
(LSS versions only)



## 8372

Double Outswinging  
Interior Doors without Mullion  
1"D x 1-7/8"W x 18-3/4"L  
(25.4mm x 47.6mm x 476.3mm)  
Including 3/16" (4.8mm) mounting bracket

## Features & Benefits

- Enhanced LED for better visibility (LSS versions only)
- Low energy consumption
- Field selectable voltage – 12/24 VDC
- Stabilizing 4 bolt "Drop Stop" mounting (8-bolt for 8372)
- Adjustable keyhole mounting bracket
- MOV surge protection
- No residual magnetism
- Easy-access wiring cavity
- Hardened steel armature nut
- Brushed Anodized Aluminum, Brushed Anodized Dark Bronze finish

## Optional Mounting Accessories

- Armature Plate Holders
- Angle Brackets
- Filler Bars
- Glass Door Brackets
- Spacers
- Top Jamb "Z" Bracket Kits for Inswinging Doors

## Surface MiniMags®

Our low-profile MiniMags® have been extremely popular for interior traffic control. These short electromagnetic locks install perfectly alongside most automatic door operators or stop-mounted door hardware, reducing installation time and eliminating the need for extra brackets.

The MiniMags® design of 1-7/8" width helps keep undersized openings within code. This is the ideal magnet for use on narrow-style aluminum doors!

The 8372 double version is especially useful on pairs of doors without mullions.

## Options

- LSS** ..... Lock Status Sensor with LED indicator (8371)
- 2LSS** ..... 2 Lock Status Sensors with LED indicator (8372)
- Special Finishes**..... Available only on magnet cover wraps
- MCW8371** ..... Magnet Cover Wraps
- MCW8372** ..... Magnet Cover Wraps

## Highlights

- Low-Profile Design
- Up to 750 lbs. holding force
- Dual Voltage
- Lifetime Warranty

## Applications

### INTERIOR

- Single Outswinging Doors
- Single Inswinging Doors (use with Z bracket)
- Pairs of Outswinging Doors without mullion
- Pairs of Inswinging Doors without mullion (use Z brackets)
- Government Facilities
- Office Complex
- Warehouses
- Retail
- Commercial
- Industrial
- Health Care



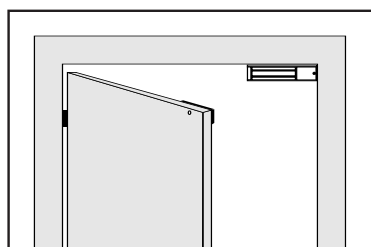
*In or Out...we make it Easy!*<sup>®</sup>

NOTE: Specifications are subject to change without notice.

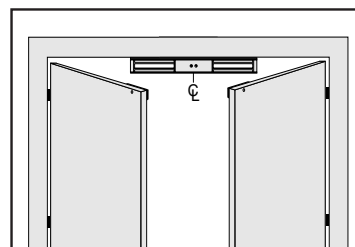
Specifications	8371	8372
Housing Dimensions	1" D x 1 7/8" W x 9 3/8" L (25.4mm x 47.6mm x 238.1mm) (including 3/16" (4.8mm) mounting bracket)	1" D x 1 7/8" W x 18 3/4" L (25.4mm x 47.6mm x 476.3mm) (including 3/16" (4.8mm) mounting bracket)
Armature Plate Dimensions	7/16" D x 1 1/2" W x 7 1/4" L (11.1mm x 38.1mm x 184.2mm)	7/16" D x 1 1/2" W x 7 1/4" L (11.1mm x 38.1mm x 184.2mm)
Voltage	Field selectable 12/24 VDC Tolerance ±10%	Field selectable 12/24 VDC Tolerance ±10%
Power/Current Requirements	Max 0.52A at 12 VDC Max 0.26A at 24 VDC	Max 0.52A at 12 VDC (each lock) Max 0.26A at 24 VDC (each lock)
Holding Force	One-point locking (up to 750 pounds)	Two-point locking (up to 750 pounds each point)
Output Relays	Lock Status Output (LSS), SPDT 1 amp @ 24 VDC	Lock Status Output (LSS), SPDT 1 amp @ 24 VDC
Wiring Requirements	2 wires – power input Up to 2 wires output	2 or 4 wires – power input Up to 4 or 8 wires output
Operating Temperature	-14 to 140° F (-10 to 60° C)	-14 to 140° F (-10 to 60° C)
Certification	cULus Listed, MEA, CSFM	cULus Listed, MEA, CSFM

NOTE: RCI recommends frame reinforcement and our 10 Series filtered, regulated DC power supplies.

Function Descriptions	
Lock Status Sensor Output (LSS)	A SPDT relay offers lock status remote indication capability.
LED Indicator	Included on LSS option the LED gives a local indication of lock status: red – unsecured; green – secured.



**8371 TYPICAL INSTALLATION**



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NOTE: A minimum distance of 40mm (1-5/8") is required without the need of a mounting accessory. Should you require a mounting accessory please see our literature or contact Customer Service at 1-800-265-6630 / 519-621-7651.

RCI also offers a complete line of Electromagnetic Locks, Electric Strikes, Electric Locks, Power Supplies, Switches, Keypads & Readers, Exit Devices, Systems & Door Hardware.