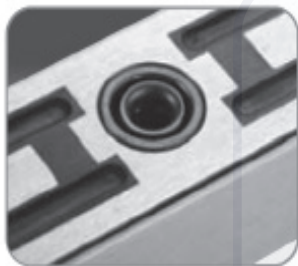


RCI

RUTHERFORD CONTROLS

In or Out... we make it Easy!®



Dimensions

6-7/32" L x 1-27/64" W x 1-3/16" H
(158mm L x 36mm W x 30mm H)

Features

- Slimline design; significantly smaller than standard electromagnetic locks
- Clear visible light panel
- High holding force up to 1500lbs (680kg) and releases under side load of up to 132lbs (70kg)
- **Easy** Installation
- Dual-Voltage 12/24VDC
- Full monitoring Lock Status Sensor (LSS, Door Status Sensor (DSS), and Early Warning Alarm (EW)
- Anti Tamper Bracket (to protect the armature plates fixing bolt) included. The bracket can be used for glass door "stick-on" mounting.
- Holding force of 1500 lb (680 kg)
- Anodized Aluminium housing; Zinc plated for anti-corrosion
- No residual magnetism
- Low energy consumption - 24VDC/120mA

EM-MAG1500 Mechanical Electromagnetic Lock

The innovative slim line EM-MAG1500 Mechanical Electromagnetic 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 aesthetics are very important.

The EM-MAG1500 incorporates both magnetic and mechanical design principles to achieve a superior holding force of up to 1500lbs. It is capable of opening with up to 132lbs of side pressure on the door.

The EM-MAG1500 Series also provides full monitoring with Lock Status Sensor (LSS), Door Status Sensor (DSS) and Early Warning (EW) security alarm indication.

Highlights

- Holding force of 1500 lb (680kg)
- Factory tested to 1,000,000 cycles
- Four (4) hour fire rated
- 5 Year Limited Warranty

Applications

INTERIOR OUTWARD SWINGING DOORS

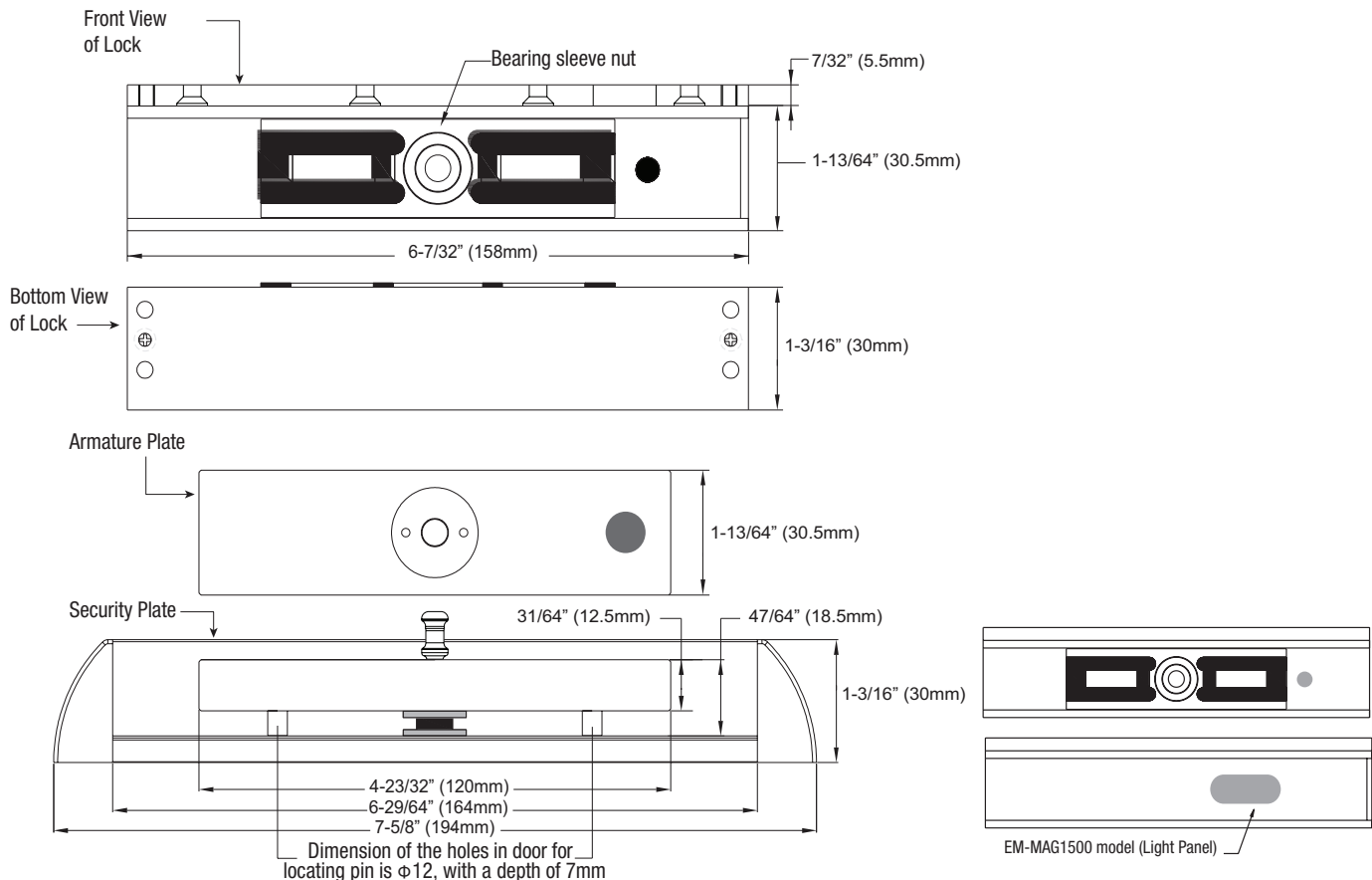
- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care Facilities
- Office Complexes



In or Out... we make it Easy!®

Specifications	
Fail Safe	Power to Lock
Lock Body Dimension	6-7/32"L x 1-27/64"W x 1-3/16"H (158mm L x 36mm W x 30mm H)
Armature Plate Dimensions	4-23/32"L x 1-13/64"W x 1/2"H (120mm L x 30.5mm W x 12.5mm H)
Lock Operating Voltage	12/24VDC ±10%
Lock Operating Current	Max. 0.24A for 12VDC, Max. 0.12A for 24VDC
Dynamic Impact Resistance	Up to 100J (Dynamic Impact Resistance) or 74 ft-lbf
Lock Signal Output	Lock Status Sensor Output (LSS): Reed Switch Contact, NO/NO, Max 24VDC; Max 0.1A Door Status Sensor Output (DSS): Reed Switch Contact, NO/NO, Max 30VDC; Max 0.3A 2 Early Warning (EW): 2 dry contacts, C/NO/NC, Max 50VDC; Max 0.3A
Operating Temp	14°F to -76°F (-10°C to 60°C)
Residual Magnetism	Less than 50g or 0.11 lbs. No Spring Rebound Mechanism on the armature plate is required to overcome the residual magnetism

NOTE: Not to scale. Specifications are subject to change without notice.



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