



1583 Cabinet EMLock

Part 1 GENERAL

1.1 SECTION INCLUDES

A. Overview:

IDC's 1583 Micro Cabinet EMLock® is a compact specialized electromagnetic lock that produces 300 lbs. of holding force. Magnetic lock utilizes several of the most innovative and unique design attributes. Versatile mounting capability with face drilled and surface mounting holes. The 1583 operating voltage is field selectable for either 12/24 VDC. Aluminum housing is standard. Made in U.S.A

Applications: Cabinets, Drawers, Display cases, Machine equipment housings, Gun safes, Package pass through doors, and Dark rooms.

B. Features:

1. 300 lbs. of holding force
2. An electronics module provides spike and surge protection for the EMLock®
3. Dual Voltage and modular design
4. Strong enough even for large cabinet doors
5. Protection of the EMLock® and other devices on same line without additional parts
6. Operates on 12 or 24 VDC
7. Failsafe Operation
8. Easy Installation
9. Durable, No Maintenance required
10. Solid State Protection

C. Specifications:

1583V: EMLock® 300lbs. holding force, 12/24VDC

Dimensions:

EMLock®: 6.5"L x 1.125"W x 1.5"H (159 x 29 x 38mm)

Armature: 5.125"L x 1.125"W x 0.25"H (130 x 29 x 6mm)

Electrical Specifications:

Connection: Wire leads with in-line spike and surge protection

Input Voltage: 12 or 24 VDC +/- 10%
Current: 500mA @ 12VDC or 250mA @ 24VDC

Battery back-up capability when used with a power supply and batter

Note: Not recommended for life safety on pedestrian doors.

1.2 PERFORMANCE SPECIFICATIONS

N/A

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations
 - 2. Storage and handling requirements and recommendations
 - 3. Installation methods
- B. Shop Drawing: Manufacturer's approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: EMLock® 1583, will be provided by a single manufacturer with over 30 years of experience in door closers

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

1.6 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

1.7 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited (5) year Warranty against manufacturing defects.

PART 2 PRODUCTS

2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep):
1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

PART 3 EXECUTIONS

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions

3.4 PROTECTION

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

END OF SECTION