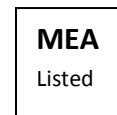




# EMLock® 1500 Series

## Grade 1



### Part 1 GENERAL

#### 1.1 SECTION INCLUDES

A. Overview:

IDC's Patented EMLock® design represents the pinnacle of magnetic lock evolution. The modular EMLock® assembly makes them easy to stock, install, upgrade and maintain.

B. Features:

1. BHMA/ANSI 156.23 Grade 1, one million cycles
2. Modular Design
3. Modular Upgrade Kits
4. Field Upgradeable without removing from the frame by distributors, installers and maintenance staff
5. Uniform Design & Installation
6. Identical Housing, Template & Accessories
7. Quick Mount Assembly
8. Lifetime Warranty on all EMLock® models which are available in 650 lbs., 1200 lbs. and 1650 lbs. holding force
9. Epoxy-less design provides a superior appearance with a plated or anodized finish on all sides

C. Specifications:

**1510 Series, Grade 1:**

1. Voltage: Dual: 12/24VDC Sensing Input
2. Single: 350mA @ 24VDC; 670mA @ 12VDC; 11"L x 2.75"H x 1.562"D (279.4 x 69.9 x 39.7mm)
3. Double: 700mA @ 24VDC; 1.34A @ 12VDC; 22"L x 2.75"H x 1.562"D (558.8 x 69.9 x 39.7mm)

**1570 Series, Grade 1:**

1. Voltage: 12/24 Sensing Input
2. Single: 125mA @ 24VDC; 250mA @ 12VDC; 11"L x 2.75"H x 1.562"D (279.4 x 69.9 x 39.7mm)
3. Double: 250mA @ 24VDC; 500mA @ 12VDC; 22"L x 2.75"H x 1.562"D (558.5 x 69.9 x 39.7mm)

**1580 Series, Grade 1:**

1. Voltage: 12/24VDC Sensing Input
2. Single: 220mA @ 24VDC; 440mA @ 12VDC; 8.75"L x 2.125"H x 1.25"D (222.2 x 54 x 31.8mm)
3. Double: 440mA @ 24VDC; 880mA @ 12VDC; 17.5"L x 2.125"H x 1.25"D (444.5 x 54 x 31.8mm)

NOTE: See Catalog page for more details

**1.2 PERFORMANCE SPECIFICATIONS**

- A. ANSI/BHMA A156.23 Grade 1, one million cycles
- B. UL Listed U.S. & Canada: GWXT Auxiliary Locks
- C. UL10C: Position Positive Pressure Compliant
- D. UBC: Classified in accordance with Uniform Building Code standard 7-2, Fire Test for Door Assemblies.
- E. BHMA: Certified
- F. California State Fire Marshal Listed (CSFM): 3774-0324:100
- G. MEA: City of New York 61-95-E

**1.3****1.4 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

**1.5 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: EMLock® 1500 Series, Grade 1, will be provided by a single manufacturer with over 30 years of experience in door closers

**1.6 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

**1.7 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.

**1.8 WARRANTY**

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Lifetime 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**