



# 180 / 280 Series Surface Mount Bolt Locks

## Part 1 GENERAL

### 1.1 SECTION INCLUDES

#### A. Application:

The IDC 180 and 280 series locks provide the ability to electronically secure several door configurations.

- Swinging or sliding doors
- Outswing or inswing doors
- Closet doors
- Pharmaceutical cabinets
- Gun Cabinets
- Utility Cabinets
- Museum Display cases
- Retail Display cases

#### B. Features/Available Models:

1. Surface mount, left hand, failsafe with auto relock
2. Surface mount, right hand, failsafe with auto relock
3. Top Jamb, left hand reverse, failsafe with auto relock
4. Top Jamb, right hand reverse, failsafe with auto relock
5. Surface mount, left hand or top jamb mount, right hand reverse, failsecure less auto relock
6. Surface mount, right hand or top jamb mount, left hand reverse, failsecure less auto relock

#### C. Specifications:

1. Dual Voltage Coil: 0.9 Amp @ 12VDC Continuous  
0.45 Amp @ 24VDC Continuous
2. Lock Dimensions: 6"L x 2"W x 2"H (152.4 x 50.8 x 50.8mm)
3. Bolt: Solid Stainless Steel – 0.0625 dia. x 0.5" (15.9 x 12.7mm) throw

#### D. Options:

1. Bolt position sensor, SPDT
2. Door position sensor, SPDT
3. Rectifier for AC operation

## **1.2 PERFORMANCE SPECIFICATIONS**

1. 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: 180/280 Series Surface Mount Bolt Locks 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 Warranty against manufacturing defects. The duration of this warranty is 5 years.

## **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**