

# 1590 Series

## Electromagnetic Sliding Door Locks



SDC's 1590 series electromagnetic sliding door locks are compact locks with 850lbs of holding power packed into a small steel mortise case. The lock is ideal for securing sliding or swinging, manual or automatic doors. Its durability for high frequency use and its mortise installation make it the choice of specification writers, owners and architects.

With only two parts, the lock mortised in the frame and the armature in the door, the lock secures the door in a closed position. When power is cut the lock releases instantly.

### MODELS

**1591** Single Magnetic Sliding Door Lock, 850lbs

### STANDARD FEATURES

- Compact mortise stainless steel case
- Field selectable dual voltage
- Voltage and current spike protection

### OPTIONAL FEATURES

- Door position status (DPS)



## SPECIFICATIONS

**1590**

<b>Housing</b>	Stainless Steel
<b>Door Type</b>	Sliding
<b>Holding Force</b>	850 lbs
<b>Dimensions</b>	10" x 1 7/16" x 1 1/4" Housing 6 5/16" x 1 1/2" x 1/2" Armature
<b>Weight</b>	5 lbs
<b>Input</b>	12/24 VDC ± 10% Field Selectable
<b>Current Draw</b>	350 mA @ 24 VDC 700 mA @ 12 VDC
<b>Door Position Status (DPS)</b>	SPDT 250 mA @ 30 VDC Resistive

## CERTIFICATIONS

UL 1034 Burglary-Resistant Electric Locking Mechanisms  
 UL 10B Fire Tests of Door Assemblies  
 UL 10C Positive Pressure Fire Tests of Door Assemblies  
 ULC-S104 Standard Method for Fire Tests of Door Assemblies


ULC-S533 Egress Door Securing and Releasing Devices  
 Uniform Building Code Standard 7-2 Fire Test of Door Assemblies (1997)  
 ANSI/BHMA A156.23 Grade 1

## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

 Designates optional step

**1| SPECIFY MODEL**  
**1591** Single Magnetic Sliding Door Lock, 850lbs

**2| SPECIFY FINISH**  
**U** 630 Dull Stainless 

**3| SPECIFY OPTIONS**  
**D** Door Position Status (DPS)

STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	<b>1591</b>	<b>U</b>	<b>D</b>

## RELATED PRODUCTS

### ANGLE BRACKETS

Used as extension on shallow door frames to provide adequate mounting surface.

**LAB** 2" x 2" x 8"



### ARMATURE MOUNTING PLATES

Accommodate the installation of an armature.

**AMP** 1 1/2" x 5/16" x 6 5/16"

