

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. When used with industrial sliding doors, two locks may be used to provide up to 1700lbs of holding power.



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

Housing	Stainless Steel
Door Type	Sliding
Holding Force	850 lbs
Dimensions	10" x 17 ¹ / ₁₆ " x 1 ¹ / ₄ " Housing 6 ⁵ / ₁₆ " x 1 ¹ / ₂ " x 1 ¹ / ₂ " Armature
Weight	5 lbs
Input	12/24 VDC ± 10% Field Selectable
Current Draw	350 mA @ 24 VDC 700 mA @ 12 VDC
Door Position Status (DPS)	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

3| SPECIFY OPTIONS

DPS Door Position Status (DPS)

2| SPECIFY FINISH

U 630 Dull Stainless 

STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	1591	U	DPS

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 1¹/₂" x 5¹/₁₆" x 6⁵/₁₆"

