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1590 Series EmLock®

The SDC 1590 Series is a compact mortise EMLock® with 850lbs. of holding power packed in a 10"L x 1-7/16"W x 1-1/2"D steel case.

The 1590 EMLock® 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 EMLock® secures the door in a closed position. When power is cut the EMLock® releases instantly.

When used with industrial sliding doors, two 1590 EMLock's® may be used to provide up to 1700 lbs. of holding power.

* Recommended for offset hung swing doors only.



Standard Features

Holding Power:	850 lbs.
Electrical Data:	350 mA @ 24V 700 mA @ 12V 12VDC and 24VDC standard 12VAC and 24VAC optional (BR64 rectifier required) Built-in inductive kickback protection 12" 18 GA power leads
Lock Size:	10"L x 1-7/16"W x 1-1/4"D
Armature Size:	6-5/16"L x 1-1/2"W x 1-1/4"D
Mounting Hardware:	Package includes standard fastening screws and mounting tabs required for most installations (Armature mounting plate is optional).
Construction:	The magnet core is permanently sealed in an epoxy filled steel case.
Finish:	Dull Nickel

SDC offers a 5 Year Limited Warranty on all EMLock's® powered by an SDC 600 Series Power Supply.

Model 1591

FOR SLIDING DOORS
Single EMLock® for manual or automatic sliding doors. Only one lock is required for single or pairs of doors when travel past center is restricted.

Options

BR64 **FULL WAVE BRIDGE RECTIFIER**
Enables DC Locks to operate on AC power source

AMP **ARMATURE MOUNTING PLATE**
Mounting accessory which provides a proper mounting attachment when installed in the lock style of the door. The AMP is secured with 2 thru bolts.

LAB **SURFACE MOUNT ARMATURE ANGLE BRACKET**
Mounting accessory which provides a proper angle for surface mounting attachment when installed.

DPS **Door Position Sensor**

POWER SUPPLIES
When power supplies are required, please refer to the SDC Series 600 Power Supplies, Power Control Units and Standby Option Catalog.

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