

SDC Excel™

# E600

## Value 600lb Holding Force Electromagnetic Locks



Economically priced alternative to low cost imports. Quality and flexibility for commercial applications. The Excel™ product line is designed for system integrators, distributors, installers and building owners presently using low cost import or private label brand access control hardware

**Value priced E600 locks are fully featured,** easier to install and provide superior, less obtrusive architectural appearance compared to stainless steel epoxy sealed magnetic locks. Full monitoring is standard. The quick mount assembly reduces installation time compared to epoxy sealed magnetic locks.



### MODELS

**E600** Single Magnetic Lock, 600lbs

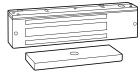


### STANDARD FEATURES

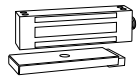
- Interlocking quick mount assembly
- Adjustable mounting bracket
- Choice of self drilling and tapping mounting screws or machine screws
- Wire access chamber with terminal block
- Field selectable dual voltage
- Voltage and current spike protection
- Instant release anti-residual magnetism circuitry
- Door position status (DPS)
- Bond alert status (BAS)
- Visual status indicator (LED)



## CROSS REFERENCE



	1510	1570	1580	E1200	E600	E6200
<b>Maglock Type</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>Trademark</b>	EMLock®	EMLock®	EMLock®	Excel™	Excel™	-----
<b>Warranty</b>	Lifetime	Lifetime	Lifetime	5 Year	5 Year	5 Year
<b>Holding Force</b>	1,650 lbs	1,200 lbs	650 lbs	1,200 lbs	600 lbs	1,200 lbs
<b>Single</b>	1511	1571	1581	E1200	E600	E6200
<b>Double</b>	1512	1572	1582	-----	-----	-----
<b>Monitoring</b>	Optional or Field Upgrade Kits	Optional or Field Upgrade Kits	Optional	Standard	Standard	Standard

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	350	1590	1575 / 1576	E300	EP17624
<b>Maglock Type</b>	Specialty	Specialty	Specialty	Specialty	Specialty
<b>Application</b>	Narrow	Sliding Doors	Outdoor Gates	Cabinets	Hazardous
<b>Weatherized</b>	-----	-----	Yes	-----	Explosion Proof
<b>Holding Force</b>	1,200 lbs	850 lbs	1,200 lbs	300 lbs	600 lbs
<b>Single</b>	350V	1591U	1575U, 1576U	E300	EP17624, EP17624TJ
<b>Double</b>	352V	-----	-----	-----	-----
<b>Monitoring</b>	Standard	Optional	Standard	Standard	Standard

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## SPECIFICATIONS

	E600
<b>Housing</b>	Aluminum
<b>Finish</b>	628 Dull Aluminum
<b>Door Type</b>	Swing, Single
<b>Holding Force</b>	600 lbs
<b>Dimensions</b>	9 <sup>7</sup> / <sub>8</sub> " x 2 <sup>7</sup> / <sub>8</sub> " x 1" Housing 7 <sup>5</sup> / <sub>16</sub> " x 2 <sup>3</sup> / <sub>8</sub> " W x 1/2" Armature
<b>Weight</b>	7 lbs
<b>Input</b>	12/24 VDC ± 10% Field Selectable
<b>Current Draw</b>	250 mA @ 24 VDC 500 mA @ 12 VDC
<b>Door Position Status (DPS)</b>	SPDT 250 mA @ 30 VDC Resistive
<b>Bond Alert Status (BAS)</b>	SPDT 2 Amps @ 30 VDC Resistive



## CERTIFICATIONS

UL 864 Control Units and Accessories for Fire Alarm Systems



## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

Designates optional step

### 1 | SPECIFY MODEL

**E600** Single Magnetic Lock, 600lbs

STEP NUMBER: 1

ORDERING EXAMPLE: **E600**



## RELATED PRODUCTS

### FILLER PLATES\*

For extension of the stop to provide a proper mounting surface on the underside of the header.

**E12F01** 5/8" x 3/4" x 10 1/2"

**E12F02** 1/2" x 3/4" x 10 1/2"



### ANGLE BRACKETS\*

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

**E12L** 1 1/2" x 3/4" x 10 1/2"



### TOP JAMB MOUNTING KITS

Accommodate the installation of a standard magnetic lock to the pull-side of hollow metal door openings.

**E6Z** Top Jamb Kit, Single



### GLASS DOOR MOUNTING KITS

Accommodate the installation of the lock armature assemblies to glass doors without top rails. Field adjustable for 1/2" glass herculite doors.

**E6U** 2 1/2" x 1 1/4" x 7 1/4"



\* May be field cut for use with E600.

## COMPONENT CONSIDERATIONS

### KEYPADS & READERS

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SDC has a variety of digital keypad and proximity card access control system equipment to meet any need. SDC's keypads and readers are engineered to provide real-world door control of a single opening up to 100 doors, such as indoor, outdoor and PC-based systems, while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval and accountability of entities through login credentials.

### EXIT SWITCHES & SENSORS

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SDC offers a variety of exit button and push button styles and contact configurations to fit several request-to-exit application needs. Additionally, SDC's wave-to-open switches and motion sensors provide hands free compliance and convenience for touchless applications using proven infrared detection technology. A simple wave of the hand in front of our touchless switch models activates the switch to control electric locks/strikes, magnetic locks or automatic door operators for entry or egress.

### EMERGENCY DOOR RELEASES

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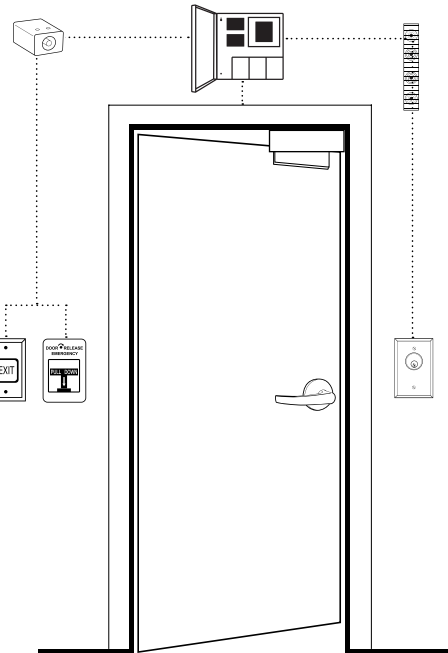
SDC's line of emergency door releases (EDR's) are designed to provide a physical method of unlocking an electronic lock in the event of an emergency and may influence the approval of an electric locking system. EDR's are usually fitted to emergency exit doorways in higher security areas. Our EDR's can initiate the release of an individual door or all doors on the same circuit and provide an auxiliary contact remote monitoring, CCTV activation or alarm activation.

### REMOTE CONTROL CONSOLES

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Recommended for access systems without computer management capability, SDC's remote control consoles provide a means of central supervision and control of single and multiple openings within a facility. Available in several configurations, the TCC and RCC consoles provide remote lock control, door status and lock status. The modular design permits configuration flexibility to meet the demands of different control and monitoring requirements.



### POWER CONTROLLERS

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SDC access control power supplies have been developed specifically to support access controls and electric locking hardware. They are UL listed and provide filtered and regulated linear DC power, with optional control logic, component interface, alarm interface and battery back-up to meet the requirements of single and multiple access-controlled openings. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity.

### DOOR PROP ALARMS & ANNUNCIATORS

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Multi-mode annunciators, like SDC's EA series door prop alarm, EA100 and 400 series LEDs, sirens, buzzers and speakers come in a variety of door, frame, wall, ceiling or single and double gang box configurations to provide the ultimate in door status indication, access control system compatibility and control. SDC door prop alarms are compatible with all access control systems but can also function as a standalone solution.