

# 55 Series

## 3/4" Latchbolt Electric Strikes



SDC's 55 series 3/4" latchbolt electric strikes are heavy duty, designed for installation in hollow metal frames for access control of cylindrical locksets, mortise locksets with or without deadbolts and mortise exit devices. 55 series strikes accept 3/4" throw latchbolts and up to 1" throw deadbolts.

The choice of six application faceplates eliminates the need for centerline relocation, making them ideal for new or retrofit, high security access control applications.

**55 series strikes retrofit existing ANSI 4 7/8" strike prep – no centerline relocation required.**

### MODELS

**55** 3/4" Latchbolt Strike

### STANDARD FEATURES

- Heavy duty
- Stainless steel components
- Stainless steel square corner faceplate
- Heavy cast housing body and keeper
- Corrosion and tamper resistant
- Horizontal alignment adjustment
- Non-handed
- Interchangeable faceplate design
- Internally mounted solenoid
- Field selectable operation
- Field selectable dual voltage
- Voltage and current spike protection
- Pigtail connectors

### OPTIONAL FEATURES

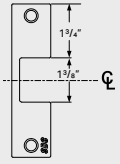
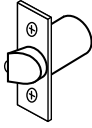
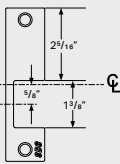
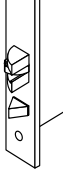
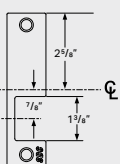
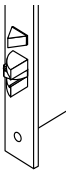
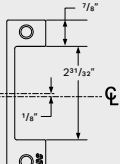
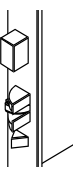
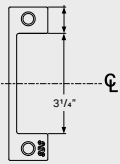
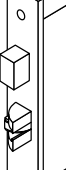
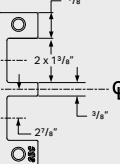
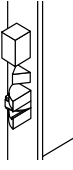
- Latch status (LS)
- Latch and keeper deadlocked status
- Deadbolt status



# APPLICATIONS

55 series strikes are recommended for specifiers and industry professionals for fast and easy specification of individual installation requirements. 55 series models include strike and faceplate for individual job requirements.

The table below outlines each model's application, lock compatibility and function. To determine lock compatibility not listed below, see faceplate dimensions.

Model	Faceplate	Lockset	Application	Compatible Locks	Function
55-A			<ul style="list-style-type: none"> <li>Cylindrical locksets</li> <li>ANSI centerline latch entry locksets</li> </ul>	<ul style="list-style-type: none"> <li>Cylindrical locksets with 1/2" to 5/8" latchbolts</li> <li>ANSI centerline latch entry locksets with up to 3/4" latchbolt</li> </ul>	<p><b>No deadbolt:</b> After releasing the latchbolt, keeper returns to the locked position.</p>
55-B			<ul style="list-style-type: none"> <li>Mortise locksets without deadbolt</li> <li>Mortise exit devices with or without deadlatch</li> <li>Deadlatch located <b>below</b> the latchbolt</li> </ul>	Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, PDQ, Sargent, Yale	
55-C			<ul style="list-style-type: none"> <li>Mortise locksets without deadbolt</li> <li>Mortise exit devices with or without deadlatch</li> <li>Deadlatch located <b>above</b> the latchbolt</li> </ul>	Baldwin, Hager, Schlage, SDC	
55-D			<ul style="list-style-type: none"> <li>Mortise locksets with deadbolt</li> <li>Deadlatch located <b>below</b> the latchbolt</li> </ul>	Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, PDQ, Sargent, Yale	<p><b>Deadbolt projected:</b> The door will not close.</p> <p><b>Deadbolt retracted:</b> When signaled by the access control, the keeper unlocks, permitting latchbolt release. The keeper returns to the closed and locked position. The door then returns to the closed and locked position.</p> <p><b>Deadbolt retainer installed:</b> Nightlatch/access control lockout function. When the deadbolt is projected the keeper will not release by access control. (nightlatch/access control lockout)</p> <p><b>Deadbolt retainer removed</b> Nightlatch function. When the deadbolt is projected, the keeper unlocks, permitting latchbolt and deadbolt release by the access control. The keeper returns to the closed and locked position. The door will not close and lock when the deadbolt is extended and must be manually retracted to permit door closure.</p>
55-E			<ul style="list-style-type: none"> <li>Mortise locksets with deadbolt</li> <li>No deadlatch</li> </ul>	Baldwin	
55-F			<ul style="list-style-type: none"> <li>Mortise locksets with deadbolt</li> <li>Deadlatch located <b>above</b> the latchbolt</li> </ul>	Hager, Schlage, SDC	



55-AU



55-BU



55-CU



55-DU

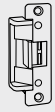
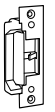
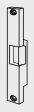
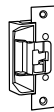
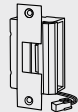


55-EU



55-FU

## CROSS REFERENCE

Series	15	25	30	45	55
					
<b>Strike Type</b>	Value Cylindrical, 5/8" Latchbolt	Value Cylindrical, 1/2" Latchbolt	Rim, 3/4" Latchbolt	Cylindrical, 5/8" Latchbolt	Mortise, 3/4" Latchbolt
<b>Adjustable Alignment</b>	-----	-----	Yes	Yes	Yes
<b>Interchangeable Faceplates</b>	-----	-----	-----	Yes	Yes
<b>Multi-Application Kits</b>	-----	-----	-----	Yes	Yes
<b>Latch Status (LS)</b>	-----	Standard	Optional	Standard	Optional
<b>Keeper Deadlocked Status</b>	-----	-----	Optional	Standard	Optional
<b>Keeper Open Status</b>	-----	-----	-----	Optional	-----
<b>Deadbolt Status</b>	-----	-----	-----	-----	Optional
	<a href="#">CLICK TO VIEW</a>	<a href="#">CLICK TO VIEW</a>	<a href="#">CLICK TO VIEW</a>	<a href="#">CLICK TO VIEW</a>	

## SPECIFICATIONS

	55
<b>Latchbolt</b>	3/4" Throw
<b>Deadbolt</b>	Up to 1" Throw
<b>Static Strength*</b>	2,500 lbs
<b>Dynamic Strength</b>	70 lbs
<b>Endurance Cycles*</b>	1,000,000
<b>Keeper Depth</b>	1 5/8"
<b>Weight</b>	3 lbs
<b>Faceplates**</b>	(A) Cylindrical Locksets (B) Mortise Locksets without Deadbolt & Mortise Exit Devices - Deadlatch Below (C) Mortise Locksets without Deadbolt & Mortise Exit Devices - Deadlatch Above (D) Mortise Locksets with Deadbolt - Deadlatch Below (E) Mortise Locksets with Deadbolt - No Deadlatch (F) Mortise Locksets with Deadbolt - Deadlatch Above
<b>Frame Application</b>	Hollow Metal
<b>Input</b>	12/24 VDC ± 10%
<b>Current Draw</b>	600 mA @ 12 VDC 300 mA @ 24 VDC
<b>Monitoring Contacts</b>	SPDT 5 Amps @ 30 VDC Resistive

\* Factory tested and verified.

\*\* See chart in applications for complete faceplate details.



## CERTIFICATIONS

UL 1034 Burglary-Resistant Electric Locking Mechanisms  
 UL 10C Positive Pressure Fire Tests of Door Assemblies\*  
 ANSI/BHMA A156.31 Grade 1

\* Warnoch Hersey Intertek tested.



## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

Designates optional step

#### 1| SPECIFY MODEL

**55** 3/4" Latchbolt Strike

#### 2| SPECIFY FACEPLATE\*

- A Cylindrical Faceplate
- B Mortise Faceplate - Deadlatch Below
- C Mortise Faceplate - Deadlatch Above
- D Mortise Faceplate - Deadlatch Below - Deadbolt
- E Mortise Faceplate - No Deadlatch - Deadbolt
- F Mortise Faceplate - Deadlatch Above- Deadbolt

\* See applications chart for complete faceplate details and lock compatibility.

#### 3| SPECIFY FINISH

- U** 630 Dull Stainless Standard
- S** 629 Bright Stainless
- D** 606 Dull Brass
- C** 605 Bright Brass
- G** 612 Dull Bronze
- F** 611 Bright Bronze
- H** 613 Dark Oil Rubbed Bronze
- Q** 626 Dull Chrome
- P** 625 Bright Chrome

#### 4| SPECIFY OPTIONS

- LBM** Latch Status (LS)
- LBMLCM** Latch & Keeper Deadlocked Status
- DBM\*** Deadbolt Status

\* Available for 55-D, 55-E and 55-F deadbolt models only.

#### 5| SPECIFY HANDING\*

- L Latch Hand (LH)
- R Right Hand (RH)

\* Specifying handing is only required for 55-D, 55-E and 55-F deadbolt models that specify LBM, LBMLCM or DBM options. Leave blank for 55-A, 55-B and 55-C models which are non-handed.

STEP NUMBER:	1	2	3	4	5
ORDERING EXAMPLE:	<b>55</b>	<b>-D</b>	<b>U</b>	<b>LBMLCM DBM</b>	<b>-L</b>



## RELATED PRODUCTS

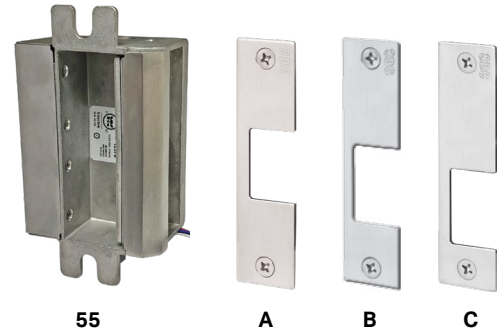
### MULTI-APPLICATION STRIKE KITS

Multi-application kits include one electric strike and three faceplates. Faceplates are interchangeable for cylindrical lockset, mortise lockset without deadbolt and mortise exit device applications. Consult factory for special finishes or monitoring options.

#### **55-ABCU** 55 Series Multi-Application Strike Kit

##### KIT COMPONENTS:

- (1) 3/4" Latchbolt Electric Strike
- (1) Cylindrical Faceplate
- (1) Mortise Faceplate - Deadlatch Below
- (1) Mortise Faceplate - Deadlatch Above



*Major brand locks compatibility, including but not limited to: Accurate, Arrow, Baldwin, Best, Corbin Russwin, Dorma, Falcon, Hager, Marks, PDQ, Sargent, Schlage, SDC and Yale.*

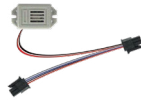
### BRIDGE RECTIFIERS

#### **BR64XL** AC to DC Bridge Rectifier



### RETROFIT BUZZER KITS

#### **50-RMB** Buzzer with Pigtail Connectors



### REPLACEMENT PIGTAIL CONNECTORS

#### **CA-55-4** Power Input Power Pigtail Connectors



## COMPONENT CONSIDERATIONS

### LOW ENERGY OPERATORS

[CLICK TO VIEW](#)



SDC's low energy swing door operators are designed for applications requiring ADA compliance, user convenience and touchless solutions. The state-of-the-art microprocessor-based operator is self-tuning and self-learning while offering non-handed operation, full mechanical stops, door sequencing and a variety of interface options for sensors, push-plates, fire alarms and electrified locks. A built-in 1 Amp power supply allows users to power electric latch retraction directly from the operator.

### PUSH PLATES & PANELS

[CLICK TO VIEW](#)



SDC's push plates and panels combined with SDC's operators, bollards and locking devices allow for complete access and egress solutions for ADA compliant applications. Included are round and square push plates, as well as wall mount and full-size push panels. All types can be wireless or hardwired, bollard or wall mounted. ADA compliant solutions work seamlessly with low energy swing door operators like Auto EntryControl™.

### EXIT SWITCHES & SENSORS

[CLICK TO VIEW](#)



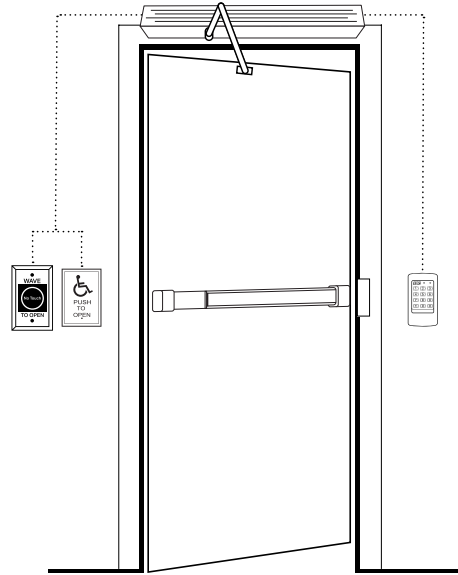
SDC offers a variety of exit button and push button styles and contact configurations to fit several request-to-exit application needs. Additionally, SDC's wave-to-open switches and motion sensors provide hands free compliance and convenience for touchless applications using proven infrared detection 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.

### KEYPADS & READERS

[CLICK TO VIEW](#)



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.



### POWER CONTROLLERS

[CLICK TO VIEW](#)



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

[CLICK TO VIEW](#)



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.