LOCKING DEVICES

SDC UniFLEX™

45 Series

5/8" Latchbolt Electric Strikes

SDC's 45 series ⅝" latchbolt electric strikes are centerline latch entry strikes designed for use with cylindrical locksets and mortise locksets without deadbolt for both metal and wood frames. 45 series strikes accept ⅝" throw latchbolts or up to ¾" throw latchbolts with ⅛" door gap.

45F models are fire-rated and accept 9/16" throw latchbolts or up to ⅝" throw latchbolts with ⅛" door gap.

Built with all stainless steel parts, a durable die cast body and fewer moving parts for maximum lifespan and corrosion resistance, the quality construction makes 45 series strikes ideal for high traffic applications. The compact low profile design enables quick and easy installation where jamb space is limited.

Centerline latch entry strikes require the latch to enter at the strike "centerline" located exactly between the top and bottom of the strike faceplate.*

* *Refer to installation instructions and template to determine strike location prior to frame preparation for new and retrofit installations.*

45-4SU | **45F-4SU** | **45-4RV** | **45-6RV** | **45-7RV**

MODELS

45 ⅝" Latchbolt Strike

45F 9/16" Latchbolt Strike, Fire-Rated

STANDARD FEATURES

- Low profile
- Fewer moving parts
- Stainless steel components
- Durable die cast housing body
- Corrosion resistant
- Horizontal alignment adjustment
- Mounting tabs included
- Non-handed
- Interchangeable faceplate design
- Internally mounted solenoid
- Field selectable operation
- Field selectable dual voltage
- Voltage and current spike protection
- Pigtail connectors
- Latch status (LS)
- Keeper deadlocked status

OPTIONAL FEATURES

- Keeper open status
- Buzzer

APPLICATIONS

FAILSECURE OPERATION

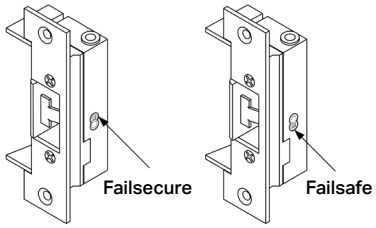
Keeper unlocks when energized. Keeper locked when de-energized or during a power failure.

FAILSAFE OPERATION

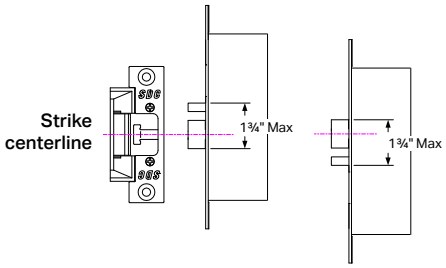
Keeper locks when energized. Keeper unlocks when de-energized or during a power failure. Failsafe operation is not permitted with UL fire door accessory label.

FIRE-RATED OPENINGS

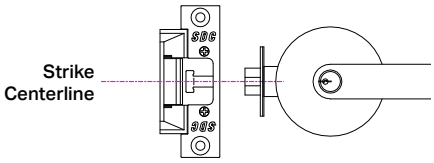
45F-4S are permitted for use on non fire-rated and fire-rated doors. However, 45F-4S strikes may not be used on stairwell doors and may not be maintained in failsafe operation when used with fire-rated doors.



FIELD SELECTABLE OPERATION

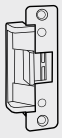
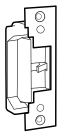
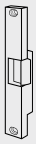
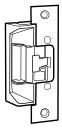
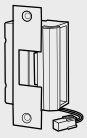


MORTISE APPLICATIONS



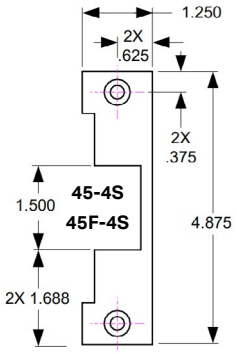
CYLINDRICAL APPLICATIONS

CROSS REFERENCE

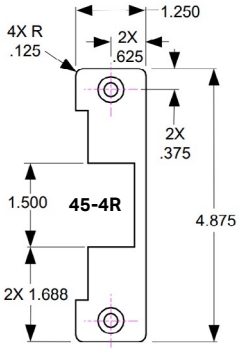
Series	15	25	30	45	55
					
Strike Type	Value Cylindrical, ⅝" Latchbolt	Value Cylindrical, ½" Latchbolt	Rim, ¾" Latchbolt	Cylindrical, ⅝" Latchbolt	Mortise, ¾" Latchbolt
Adjustable Alignment	-----	-----	Yes	Yes	Yes
Interchangeable Faceplates	-----	-----	-----	Yes	Yes
Multi-Application Kits	-----	-----	-----	Yes	Yes
Latch Status (LS)	-----	Standard	Optional	Standard	Optional
Keeper Deadlocked Status	-----	-----	Optional	Standard	Optional
Keeper Open Status	-----	-----	-----	Optional	-----
Deadbolt Status	-----	-----	-----	-----	Optional
	CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW

SPECIFICATIONS

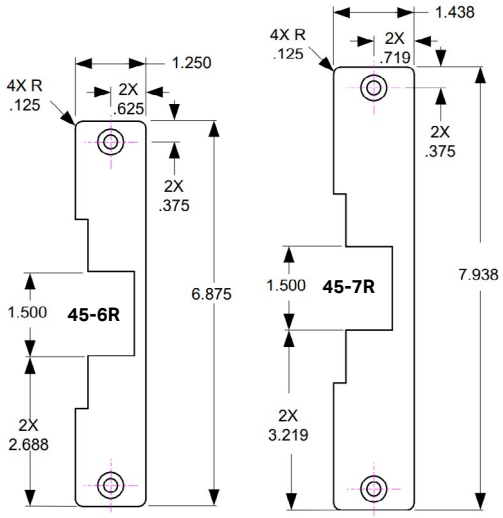
	45	45F
Latchbolt	⅝" Throw, Up to ¾" Throw with ⅛" Door Gap	9⁄16" Throw, Up to ⅝" Throw with ⅛" Door Gap
Static Strength	1,000 lbs	1,500 lbs
Dynamic Strength	70 lbs	70 lbs
Endurance Cycles	250,000	250,000
Keeper Depth	1 3⁄16"	1 3⁄16"
Weight	2 lbs	2 lbs
Faceplates	(4S) Square Corner Stainless Steel, 4⅞" x 1¼" (4R) Radius Corner Aluminum, 4⅞" x 1¼" (6R) Radius Corner Aluminum, 6⅞" x 1¼" (7R) Radius Corner Aluminum, 7 15⁄16" x 1¼"	(4S) Square Corner Stainless Steel, 4⅞" x 1¼"
Frame Application	(45-4S) Hollow Metal (45-4R) Aluminum (45-6R) Aluminum / Wood (45-7R) Aluminum / Wood	(45F-4S) Hollow Metal
Input	12/24 VDC ± 10%	12/24 VDC ± 10%
Current Draw	200 mA @ 12 VDC 100 mA @ 24 VDC	200 mA @ 12 VDC 100 mA @ 24 VDC
Monitoring Contacts	SPDT 3 Amp @ 30 VDC Resistive	SPDT 3 Amp @ 30 VDC Resistive



HOLLOW METAL FRAME
SQUARE CORNER FACEPLATE



ALUMINUM FRAME
RADIUS CORNER FACEPLATE



ALUMINUM / WOOD FRAME
RADIUS CORNER FACEPLATE

CERTIFICATIONS

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

* *Applies to 45F models only.*

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

Designates optional step

HOLLOW METAL APPLICATIONS

1| SPECIFY MODEL

45 5⁄8" Latchbolt Strike
45F 9⁄16" Latchbolt Strike, Fire-Rated

2| SPECIFY FACEPLATE

-4S 4 7⁄8" Square Corner Stainless Steel

3| SPECIFY FINSH

U 630 Dull Stainless Standard
D 606 Dull Brass
H 613 Dark Oil Rubbed Bronze

4| SPECIFY OPTIONS

K Keeper Open Status
RMB Buzzer

STEP NUMBER:	1	2	3	4
ORDERING EXAMPLE:	**45**	**-4S**	**U**	**K**

ALUMINUM / WOOD APPLICATIONS

1| SPECIFY MODEL

45 5⁄8" Latchbolt Strike

2| SPECIFY FACEPLATE

-4R 4 7⁄8" Radius Corner Aluminum
-6R 6 7⁄8" Radius Corner Aluminum
-7R 7 15⁄16" Radius Corner Aluminum

3| SPECIFY FINISH

V 628 Dull Aluminum Standard
Y 335 Dull Black

4| SPECIFY OPTIONS

K Keeper Open Status
RMB Buzzer

STEP NUMBER:	1	2	3	4
ORDERING EXAMPLE:	**45**	**-6R**	**V**	**RMB**

RELATED PRODUCTS

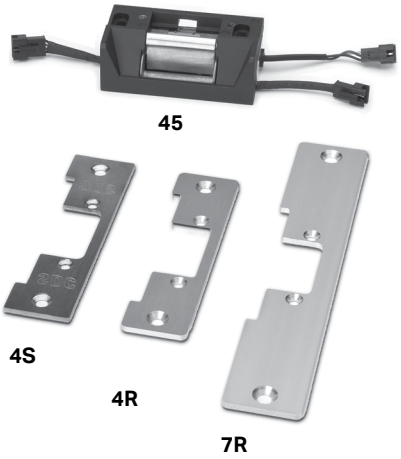
MULTI-APPLICATION STRIKE KITS

Multi-application kits include one electric strike and three faceplates. Faceplates are interchangeable for hollow metal, aluminum and wood frame applications. Consult factory for monitoring options.

45-A 45 Series Multi-Application Strike Kit

KIT COMPONENTS:

(1) ⅝" Latchbolt Electric Strike
(1) 4⅞" Square Corner Stainless Steel Faceplate
(1) 4⅞" Radius Corner Aluminum Faceplate
(1) 7 15⁄16" Radius Corner Aluminum Faceplate



BRIDGE RECTIFIERS

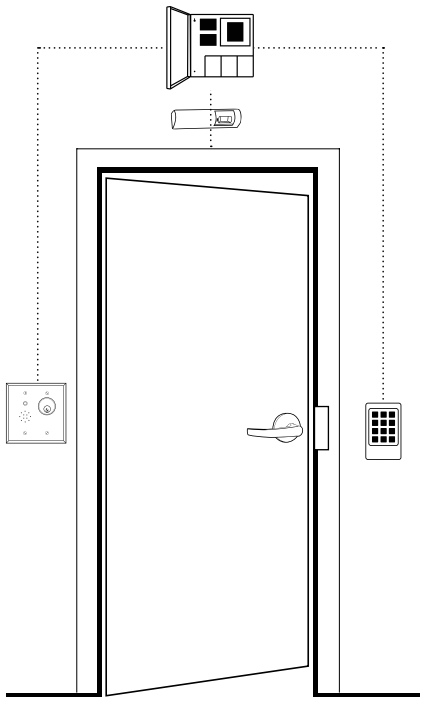
BR64XL AC to DC Bridge Rectifier

COMPONENT CONSIDERATIONS

KEYPADS & READERS

CLICK TO VIEW

SDC has a variety of digital keypad and proximity card access control systems equipment to meet any need. SDC's access control keypads & readers are engineered to provide real-world door control of a single opening up to 100 doors, 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.



KEY SWITCHES

CLICK TO VIEW

Early forms of access control began as manual key switches. Under SDC, key switches have evolved into an electrified access control method. SDC key switch assemblies provide an economical method of providing authorized control for a variety of applications and new or retrofit construction. Compatibility with a new or existing facility mechanical key system is maintained through the use of U.S. standard, 1" and 1⅜" mortise key cylinders and interchangeable core cylinders (not included).

ANNUNCIATORS

CLICK TO VIEW

Multi-mode annunciators, like SDC's EA series door prop alarm, EA100 and 400 series LEDs, sirens, buzzers & 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 stand-alone solution. Models are available in single gang or narrow frame mount options.

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.