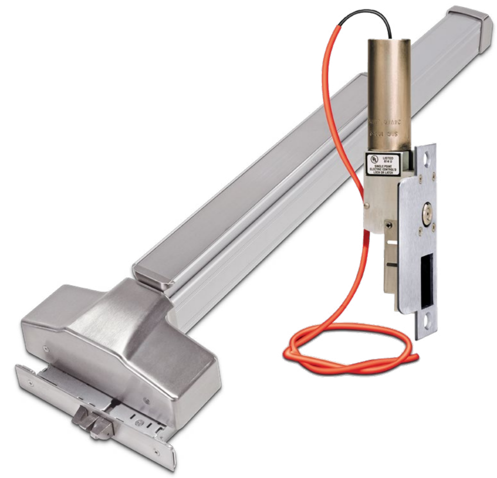
SDC Spectra™

S6303FH Series

Electrified Architectural Mortise Frame Actuator Controlled Exit Devices



SDC's Spectra™ S6300FH series electrified architecural mortise frame actuator controlled exit devices combine SDC's patented HiTower® frame actuator to control SDC's mortise exit device and is the groundbreaking product technology upon which SDC was founded over 50 years ago. Elegant in its simplicity, HiTower® locks provides hardwire control with no electric hinge and no wires in the door to eliminate costly parts and labor.

HiTower® locks provide building and fire life safety code compliance for fire rated office doors, corridor doors, lobby doors, exit doors and stairwell doors because the door stays latched even when unlocked and all wires are contained in the door frame – **eliminating the need for manufacturers to prep the door for wires to maintain fire ratings.**

Designed for a modern look and quiet push pad operation, S6300FH series devices are fire rated exit devices in mortise configurations. UL listed and ANSI/BHMA A156.3 Grade 1 compliant, **S6303FH series devices comply with all national and state building and fire life safety codes.**

MODELS

S6303FH Mortise HiTower

STANDARD FEATURES

- Electrified architectural design
- Fire rated mortise devices
- Durable stainless steel construction
- Corrosion resistant
- Solenoid frame actuator control
- Adjustable wide door gap compensation
- Failsafe operation
- All wiring maintained in strike jamb
- Power loss or signal from fire command center
- High traffic use

OPTIONAL FEATURES

- Latch status (LS)
- Latch and deadlocked status (LLS)
- Trim options

APPLICATIONS

- Stairwell doors
- Commercial and industrial
- Hollow metal, wood and mineral core doors
- New or retrofit construction
- Fire-rated mortise devices
- Wide stiles (4" minimum)

ELECTRIC FRAME ACTUATOR CONTROLLED

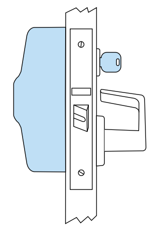
Incorporating the SDC patented HiTower® frame actuator to control the locking and unlocking of the door. Features include failsafe operation and unlocking by access control, power loss, or a signal from the fire command center. The door stays latched even when unlocked. All wiring is maintained in the strike jamb. Complies with national building and fire codes.

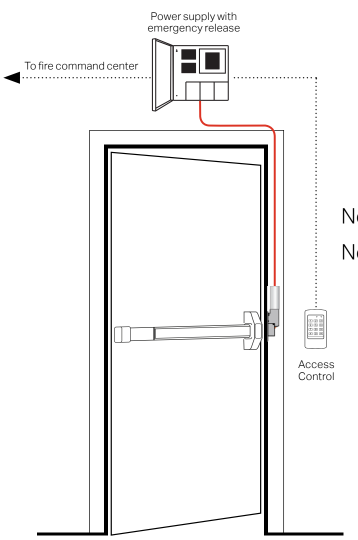
FAILSAFE OPERATION

Locked when energized, the failsafe mode is recommended for fire life safety applications, such as stairwell doors, perimeter exit doors and safety mantraps. Loss of power or a signal from the life safety system causes all doors to unlock for free uninhibited access and egress.

LOCKED OUTSIDE ONLY

Unlocked by an access control or key from the outside. Uninhibited egress at all times by pressing inside exit device push pad.

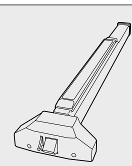
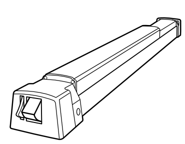
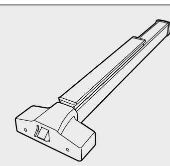
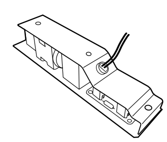




No wires through the door

No electric hinge

CROSS REFERENCE

Series	S4000	S5000	S6000	LR100
				
Application	Industrial	Storefront	Architectural	Retrofit ELR Kits
Device Types	Rim, SVR	Rim, SVR, CVR	Rim, SVR, Mortise	-----
Electrification	Motorized ELR	Motorized ELR	Motorized ELR, Electric Dogging, Alarmed Exit	Motorized ELR
	CLICK TO VIEW	CLICK TO VIEW		CLICK TO VIEW

SPECIFICATIONS

	S6303FH
Device Type	Mortise
Door Width	36", 42", 48"
Door Height	-----
Door Thickness	1¾" - 2"
Handing	Field Reversible
Headcover	Stainless Steel
Rail	Stainless Steel
End Cap	Stainless Steel
Projection	3 1/16" Neutral 2⅝" Depressed
Lock Case	6 1/16" x 3 15/16" x 29/32" Steel Plated
Latchbolt	¾" Throw, Anti-Friction Stainless Steel
Auxiliary Deadlock Bolt	Non-Handed, Stainless Steel
Weight	13 lbs
Standard Failsafe Actuator	Standard ANSI 4⅞" x 1¼" Strike 1¾" to 2" Frame Face
Narrow Failsafe Actuator*	8½" x 1¼" Strike 1¼" to 1½" Frame Face
Input	115 VAC ± 10% 24 VAC ± 10% 24 VDC ± 10%
Current Draw	200 mA @ 115 VAC 500 mA @ 24 VAC 500 mA @ 24 VDC
Monitoring Contacts	SPDT 5 Amps @ 30 VDC

* *Special narrow strike plate frame prep required, 8½" x 1¼"*

CERTIFICATIONS

UL 305 Panic Hardware
UL 10C Positive Pressure Fire Tests
ULC-S104 Standard Method for Fire Tests of Door Assemblies
ANSI/BHMA A156.3 Grade 1
CSFM Listed 3774-0324:0101

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

Designates optional step

1| SPECIFY MODEL

S63 Mortise

2| SPECIFY TRIM FUNCTION

03 Key Retracts Latchbolt (Nightlatch)

3| SPECIFY RATING

F Fire-Rated Device *Standard*

4| SPECIFY FRAME ACTUATOR

Failsafe Actuators

HA Standard 1¾" to 2" Frame Face, 115 VAC
HB Standard 1¾" to 2" Frame Face, 24 VAC
HC Standard 1¾" to 2" Frame Face, 24 VDC
HD* Narrow 1¼" to 1½" Frame Face, 115 VAC
HE* Narrow 1¼" to 1½" Frame Face, 24 VAC
HF* Narrow 1¼" to 1½" Frame Face, 24 VDC

** Narrow strike plate frame prep required, 8½" x 1¼"*

5| SPECIFY HAND

RR Right Hand Reverse Bevel (RHRB)
LR Left Hand Reverse Bevel (LHRB)

6| SPECIFY FINISH

U 630 Dull Stainless *Standard*

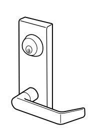
7| SPECIFY LENGTH

36 36" Door Opening *Standard*
42 42" Door Opening
48 48" Door Opening

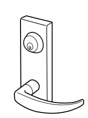
8| SPECIFY OPTIONS

L Latch Status (LS)
S Latch & Locked Status (LLS)

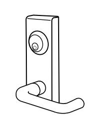
9| SPECIFY TRIM*



EE
Eclipse Escutcheon



GE
Galaxy Escutcheon



NE
Nova Escutcheon

** Key cylinder not included, order separately.*

STEP NUMBER:	1	2	3	4	5	6	7	8	9
ORDERING EXAMPLE:	S63	03	F	HC	RR	U	36	L	EE

RELATED PRODUCTS

SOCKET CONNECTORS

SC-10 Input Power Connectors, 10ft Cable
SC-10-5 Input Power & Monitoring Connectors, 10ft Cable

COMPATIBLE KEY CYLINDERS

CYL-6KAQ Mortise Cylinder, 6-Pin, 1⅛" Length, Keyed Alike
CYL-6KDQ Mortise Cylinder, 6-Pin, 1⅛" Length, Keyed Different

MORTAR GUARD ELECTRIC BACK BOXES

For frame actuators with conduit knockouts.
Recommended for new construction.

7500EB-S Standard Failsafe Actuator Mortar Guard Back Box
7500EB-N Narrow Failsafe Actuator Mortar Guard Back Box