S6000 Spectra™ Exit Devices



Spectra Class - Specification Grade Exit Devices for superior Architectural Style & Performance

The new mechanical SDC S6000 Spectra™ series panic and fire rated exit devices are available in rim mount, mortise and surface vertical rod configurations. Spectra Class mechanical exit devices are UL listed and ANSI A156.3 Grade 1 compliant and comply with all national and state building and fire life safety codes. The SDC Spectra series exit devices have a modern look and quiet push pad operation.

Delayed Egress



Exit Alarm



Electric Frame Actuator



Electric Latch Retraction



c UL us LISTED

- Panic and fire exit hardware
- ANSI/BHMA A156.3-2001 Grade 1 Compliant
- CA Title 19 Compliant
- Meets/Exceeds ADA requirements
- UBC 97, Standard 7.2

Patents Pending

- Panic & Fire Exit Hardware
- ANSI/BHMA A156.3 Grade 1

S6000 Spectra™ Exit Device Standard Series

Application

1-3/4”(44 mm) door thickness standard. Specify thickness other than 1-3/4”.

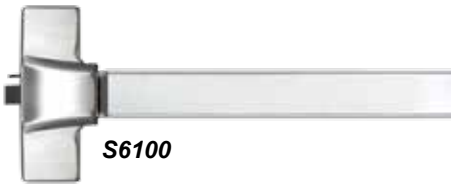
- RHR or LHR hollow metal, wood and mineral core doors.

Device Specifications

Device Head Cover: Zinc alloy or stainless steel
Chassis: Steel, plated
Housing: Extruded aluminum
Push Bar Base: Extruded aluminum
Touch Plate: Stainless steel
Mounting: Machine screws standard. Sex bolts optional. Order “SNB” for wood or non-reinforced metal doors

End Cap: Zinc alloy
Hand: Non-handed
Dogging: Allen-type key furnished
Finish: 630 Stainless Steel
Special Finishes POA
Outside Trims: Order separately
UL Listed: ANSI/BHMA Grade1 Panic Exit Hardware, 3-Hour Fire Exit Hardware.

Rim Mount Exit Devices



S6100

For use on single doors or pair of doors with mullion

- Minimum Stile Width : 4 1/2”(114 mm)

Latch Bolt: Stainless steel, 3/4"(19mm) throw
Latch: Deadlocking, Stainless steel, 5/8"(16mm) throw
Strike: Stainless steel

Surface Vetical Rod Exit Devices*



***S6200** SVR*

For use on single doors or pair of doors

- Minimum Stile Width : 3 1/2” (89 mm)

Top Latch: Stainless steel 37/64” (14.8mm)
Top Strike: Included
Bottom Latch: Stainless steel 37/64” (14.8mm)
Bottom Strike: Included

Latch Case Covers:
Steel, stainless steel or brass
Vertical Rods: Aluminum tube
Standard height: For 7’0” doors

*LBR Device - Less Bottom Rod



***S6200-LBR** SVR*

Mortise Exit Device



S6300

For use on single doors or active leaf of double doors

Mortise Lock Specifications

Lock Case :
Steel plated 6 1/16” x 3 15/16” x 29/32”
(154mm x 100mm x 23mm)
Anti-friction Latchbolt : 3/4”(19mm) throw
Hand: Reversible without removing the lock from the door

Auxiliary Deadlocking Bolt :
Non-handed, stainless steel
Faceplate:
Adjustable, 19/32” stainless steel or brass.
Strike : ANSI 4 7/8”

Mechanical Trim



EK
Eclipse



SP
Saturn



GK
Galaxy

Trim

Dummy Trim: EK02, GK02, SP02
Key Retracts Latchbolt: EK03, GK03, SP03
Key Locks/Unlocks Lever: EK08, GK08
No Cylinder Lever Always Active: EK14, GK14

Finish

U 630 Dull Stainless Steel standard

Options

- *1 rim cylinder required for 03, mortise cylinder required for 08 function*
- *1 mortise cylinder required for CD option*

CD	Keyed dogging. Specify key cylinder separately. Not available with (F) fire exit device.
CYL-6KDQ	6 pin, 1.125" mortise cylinder, keyed different, dull chrome
CYL-6KAQ	6 pin, 1.125" mortise cylinder, keyed alike, dull chrome
RIM-CYL	5 pin, 1.125" mortise cylinder, keyed different, dull chrome

Electric Trim



EKE03 Eclipse, less cylinder



GKE03 Galaxy less cylinder

Features

- Failsecure, field reversible to failsafe
- 4 ft. cable and connectors
- 12/24VDC @ 600/300 mA

Finish

U 630 Dull Stainless Steel standard

Trim

EKE03 Eclipse style electric trim, less mortise cylinder
GKE03 Galaxy style electric trim, less mortise cylinder

Options

LS Locked/unlocked status, SPDT 3 Amp contact

STRIKES (SCREWS INCLUDED)

RIM DEVICES USE

Rim Strikes



ST1P
Standard for S6100P

Projection: 13/16" (21mm)



ST1F
Standard for S6100F

Projection: 13/16" (21mm)

SURFACE / CONCEALED VERTICAL ROD DEVICES USE

Top Strikes



ST2P
Standard top strike for S6200P

Projection: 29/32" (23mm)

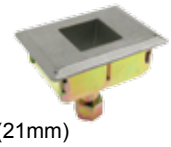


ST2F
Standard top strike for S6200F

Projection: 1-1/8" (29mm)

Bottom Strikes
(Floor Strikes)





Mortise: 2-1/4" (21mm)

Optional Threshold Strikes



ST28T
Optional floor strike for using threshold openings

Projection: 3/8" (9.5mm)

OPTIONAL DOUBLE DOOR STRIKE



ST2DF
Optional for pairs of doors with rim mount device.

Projection: 1-15/16" (33mm)

REMOVABLE MULLION



KR90F

Standard Key Removable Mullion For Panic Exit and Fire Exit Rim Mount Devices.
Length: 8ft
Material: 2" 11 Gauge Steel Tube
Finish: Primer gray

Optional Mullion Strike



ST1MP
For 6100P
Optional for mullion application



ST1MF
For 6100F

Projection: 7/8" (22.5mm)

How to Specify S6000

Model

Spectra Series Exit Device
S61 Rim mount
S62 Surface vertical rod
S63 Mortise

ANSI Functions

01 Exit only, No Trim
02 Dummy pull or lever (opens when dogged)
03 Lever or pull, key latch retraction
08 Lever with key locks/unlocks lever
14 Lever trim always active

Panic or Fire Rated

P Panic Exit Device
F Fire Exit Device

P - Mechanical dogging STD;
(Add part # **CD** for optional key cylinder dogging)
F - Mechanical dogging not available

Handing

RR Right hand reverse bevel, RHRB
LR Left hand reverse bevel, LHRB

Finish
Headcover, touchpad and endcap

U 630 Dull Stainless Steel standard

Length

36 For 36" Door **42** For 42" Door **48** For 48" Door

Options

R Request-To-Exit Output, SPDT
L Latch Status Output, SPDT

Mechanical Trim


EK Eclipse


GK Galaxy


SP Saturn

Trim
Dummy Trim: EK02, GK02, SP02
Key Retracts Latchbolt: EK03, GK03, SP03
Key Locks/Unlocks Lever: EK08, GK08
No Cylinder Lever Always Active: EK14, GK14

Finish
U 630 Dull Stainless Steel standard

Options
- *1 rim cylinder required for 03, mortise cylinder required for 08 function*
- *1 key cylinder required for CD option*

CD Keyed dogging. Specify key cylinder separately. Not available with (F) fire exit device.
CYL-6KDQ 6 pin, 1.125" mortise cylinder, keyed different, dull chrome
CYL-6KAQ 6 pin, 1.125" mortise cylinder, keyed alike, dull chrome
RIM-CYL 5 pin, 1.125" mortise cylinder, keyed different, dull chrome

Electric Trim

Features
- Failsecure, field reversible to failsafe
- 4 ft. cable and connectors
- Audible tone
- 12/24VDC @ 600/300 mA


EKE03 Eclipse, less cylinder


GKE03 Galaxy less cylinder

Trim
EKE03 Eclipse style electric trim, less cylinder
GKE03 Galaxy style electric trim, less cylinder

Finish
U 630 Dull Stainless Steel standard
C 605 Bright Brass
D 606 Dull Brass
G 612 Dull Bronze
P 625 Bright Chrome
Q 626 Dull Chrome

Options
LS Locked/unlocked status, SPDT 3 Amp contact

Ordering Example

Trim	Finish	Options

How to Specify S6000 Electrical Options

A Exit Alarm, 9V battery powered
B Exit Alarm, 12-24V AC/DC input, 9V battery backup



UL LISTED ADA



- 100 dB alarm; visual and audible On/Off status:
  Armed - green LED blinks every 4 seconds,
  Alarm mode - red LED, Bypass - no LED
- Remote status output
- 15 or 60 second arming delay
- 2 modes: Continuous alarm with manual key reset; Automatic re-arm 2 minutes after door closes with any manual key reset before 2 minutes.

Options
- REX and latch status outputs

DE Delayed egress exit device
Electrification of master exit device and wall mount controller with keypad control and reset







UL LISTED ETL Intertek

KDE Keypad controller with redundant key switch capable of all keypad control features

DES For pair of doors, additional exit device equipped with delayed egress mechanism, less controller. Must be ordered together with DE and device.

602RF 1 Amp power supply

- User PIN codes may be assigned to 1, 2 or all control functions. Reset, sustained bypass and momentary bypass (REX
- Audible alarm voice release time, warning or safety message
- Visual display countdown, locked/unlocked, egress executed
- Selectable nuisance

Operations

NA	IBC, IFC, NFPA compliant, Field Selectable 15 to 30 second Exit Delay, 1 or 2 Nuisance Delay
NC	IBC, IFC, NFPA 101, NFPA 1-UFC, UBC, SBC compliant, Fixed 15 second Exit Delay, 0/1 Nuisance Delay, Calif. Building Code OSHPD/Manual Power Up
ND	IBC, IFC, NFPA 101, NFPA 1-UFC, UBC, SBC compliant, Fixed 15 second Exit Delay, 0/1 Nuisance Delay
BC	BOCA National Building Code/City of Chicago Compliant, Fixed 15 second Exit Delay, 0 Nuisance Delay, Auto Reset 30 seconds
BD	BOCA National Building Code, Fixed 15 second Exit Delay, 0/1 Nuisance Delay, Auto Reset 30 seconds

Options

DEC-J	3 Gang Interior surface mount box for 101-DEC
SHD-J	Shroud for surface mount box DEC-J outdoor use



101-DE with SHD-J

How to Specify S6000 Electrical Options cont.

E Electric Latch Retraction





Operation: Momentary or maintained latch bolt and push pad retraction, with simultaneous dogging. Automatic re-triggering of latch retraction

Voltage: 24VDC @ 700 mA activation, 200 mA continuous

602RF 1 Amp power supply (1 EMC max)
632RF 2 Amp power supply (2 EMC max)

EMC 2-station sequencer required for automatic doors only.

Monitoring Available Latch status and REX output available



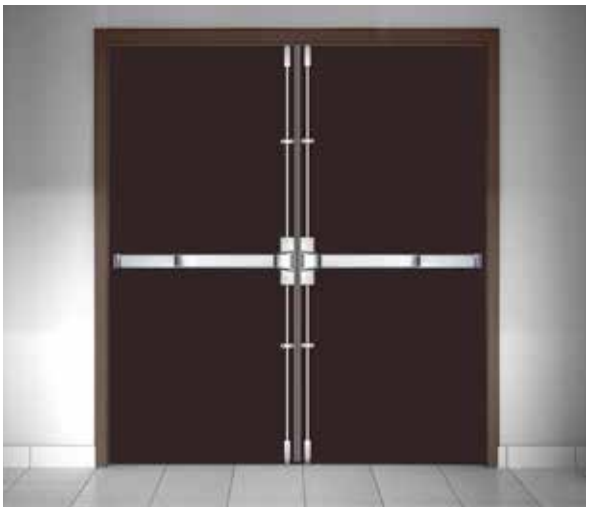
G Electric Dogging



When energized by optional built-in or remote switch manual, depressing the pushpad, causes the pushpad and latch to remain retracted (unlocked) providing push-pull door operation. When de-energized or signaled by a fire alarm, the pushpad and latch are released.

Voltage 170/100 mA @ 12/24VDC

Monitoring Available Latch status and REX output available



How to Specify S6000 Electrical Options cont.



H Hitower Pro Frame Actuator Controlled Fire Exit Device



No wiring through door
No power transfer hinge or loop

Features include failsafe operation and unlocks by access control, power loss or signal from fire command center. Door stays latched even when unlocked. All wiring is maintained in the strike jamb. Complies with national building and fire codes

Specify Handing and Voltage: 24VDC, 24VAC, 115VAC



G03 Galaxy



GE03 Galaxy



E03 Eclipse



EE03 Eclipse



N03 Nova



NE03 Nova

Status Output Options

L Latch position status output, SPDT, 3 Amp

S Latch & deadlocked status output, SPDT, 3 Amp

Trim Options

EE03	Eclipse x Escutcheon	**GE03**	Galaxy x Escutcheon	**NE03**	Nova x Escutcheon
E03	Eclipse	**G03**	Galaxy	**N03**	Nova

M Electric Mortise Exit Device

MF **Failsafe** Electric Mortise Exit Device

MS **Failsecure** Electric Mortise Exit Device



- Field reversible failsecure/failsafe.
- Remains latched when unlocked for fire door integrity
- Failsafe (F) fire rated device for stairwell doors
- Power loss or signal from fire command center releases failsafe device immediately

Voltage 600/300 mA @ 12/24VDC



Options

D Door Position

Power Transfer Options

Concealed Electric Power Transfer

PTM Heavy Duty Series
Electric Power Transfer Device
SDC's heavy duty Electric Power Transfer Device provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. Completely concealed when the door is closed the PTM Electric Power Transfer Device is ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.



2 Conductor: Two (2) 18 Ga. wires, 5 Amp @ 12/24 V AC/DC

PTM-2AL Aluminum Powder Coat, US28 equivalent

PTM-2BZ Dark Brown Powder Coat, US10B equivalent

10 Conductor: Ten (10) 24 Ga. wires, 1 Amp @ 12/24V AC/DC

PTM-10AL Aluminum Powder Coat, US28 equivalent

PTM-10BZ Dark Brown Powder Coat, US10B equivalent

Fire Rated Concealed Mortise Power Transfer

PT-5 Concealed Mortise Mount Power Transfer Loop
Frame mortised steel dust box with flexible steel loop and chrome finish. Recommended for use with hollow metal frames. UL Listed
Dimensions: 11.5"H x 1"W x 0.75"D (292 x 25.4 x 19mm)
10B Listed For
3 Hrs Fire Rated Doors

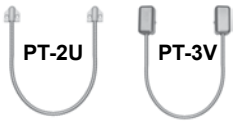


PT-5

Power Transfer Loops

18" (447mm) stainless steel armored flex conduit with small plastic end caps or termination box. Recommended for use with hollow metal and aluminum frames.

PT-2U With end caps
PT-3V With aluminum wire termination box



PT-2U **PT-3V**

Power Transfer Hinge



F LISTED
10B Listed for 3hr Fire Rated Door

DPS Contact Optional

Features

- UL10B Listed for 3 Hr Fire Doors. If the hinge you are presently using does not bear the F mark, it is not listed for use with fire doors.
- 500,000 cycles. 5 times UL test criteria
- Wire Replacement Warranty
- 5ft wire cable

Application
Installed in the center hinge position of the door, PTH Power Transfer Hinges provide the concealed wires required between the door and the frame, for the purpose of powering and monitoring electric door hardware.

- Electric Lock Power and Control
- Door and Lock Status Signaling
- Request-to-Exit Signaling

PTH-4 Four conductor hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" five knuckle standard weight

PTH-10 Ten conductor hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" standard weight

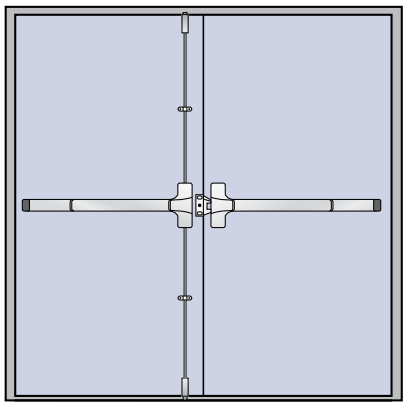
Consult factory for 3 knuckle, or special sizes

Finish
All base material steel

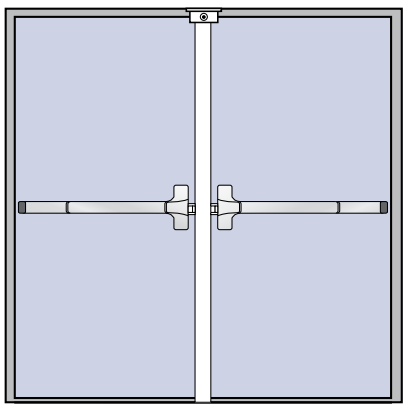
Q 626 Dull Chrome *(standard)*
C 605 Bright Brass
H 613 Oil Rubbed Bronze
P 625 Bright Chrome

Options
DPS Concealed Door Position Switch SPDT, 250mA @ 30VDC

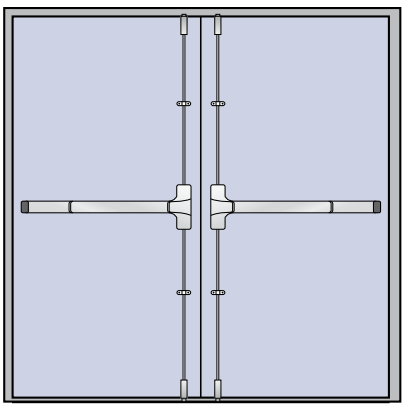
DOUBLE DOOR APPLICATIONS



Rim Device and SVR Device combination - same direction. Overlapping astragal is not required, but coordinator required with a double door strike



Two Rim Devices on 2 independent active doors with removable mullion.



Two Surface Vertical Rod (SVR) - same direction. Overlapping astragal is not required.

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