BEHAVIORAL HEALTHCARE SOLUTIONS



Behavioral Healthcare Solutions

Secure Patient Safety Lever (SPSL)
Secure Seclusion Room Lock (SSRL)

Secure Emergency Door Alarm (SEDA)
Secure Patient Safety Electrified (SPSE)

dormakaba

BEST: Setting the Standard for Security

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Introduction

dormakaba is pleased to offer the BEST behavioral healthcare solutions product portfolio. Facilities are challenged with maintaining a delicate balance of patient safety and security. The behavioral healthcare solutions portfolio provides a comprehensive breadth of products designed to meet these unique application challenges.

While no product can ever replicate the effectiveness of constant patient monitoring; we strive to present the most effective door locks, alarms and related hardware to assist facility staff in ensuring patient safety. Through close collaboration with behavioral healthcare professionals, BEST has become the single source for the most up-to-date behavioral healthcare door safety solutions.

Specifications are subject to change. To ensure proper code compliance please consult the local AHJ - Authority Having Jurisdiction.

Vertical Market Application Example: Behavioral Healthcare Facility


SEDA
Desk Console


SEDA
Power Supply

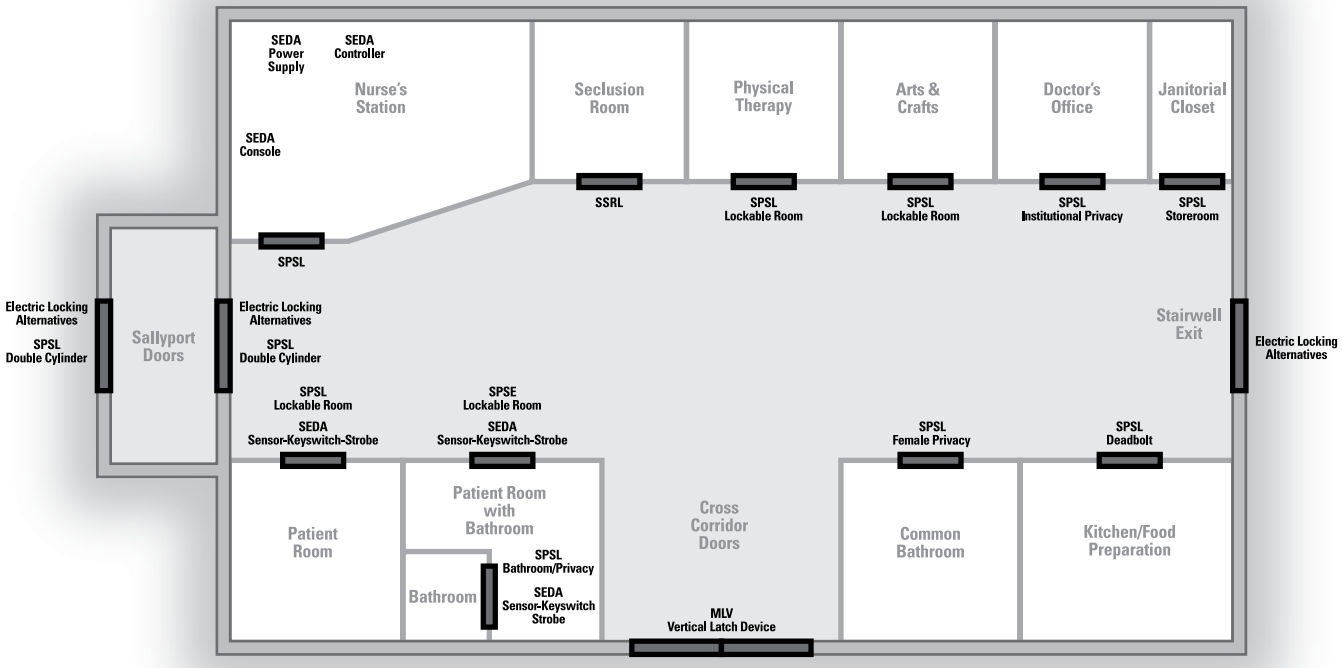

SEDA
Controller


SPSL
Mortise Passage
Lockset

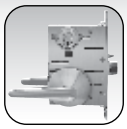

SSRL
Multi-point
Deadlocking


SPSL
Tubular Lockset


Female Patient
Locksets




SEDA
Strobe Light


SPSL
Mortise Security
Lockset


SEDA
Reset
Keyswitch


SEDA
Door Sensor
Assembly


SEDA
Electrified
Power Transfer
Hinge


SPSL
Mortise Deadbolt
Lockset

SPSL – Secure Patient Safety Lever: Mortise

Secure Patient Safety Lever (SPSL) meets the needs of resisting ligature engagement on the lock trim while providing patients and staff with easy-to-operate hardware. The patent-pending design meets the intent of ADA (Americans with Disabilities Act) by eliminating the operational requirement "pinch & grasp" motion. The reliable performance and security found within the traditional BEST products is now available in an anti-ligature design.

The tight tolerances, smooth meshing of the lever and the non-moving conical lock escutcheon set the industry standard. As an added suicide resistant measure, the lever is always free-moving bi-directionally, regardless of the lock function. The solid stainless steel design represents the highest level of quality construction found in the industry.

A wide variety of locking needs are met by the different mortise lock functions.



Passage

Innovative Ligature–Resistant Features

Designed in collaboration with the nation's largest behavioral healthcare service providers and industry consultants

- Independent, tapered, bidirectional lever
- Thru-bolted fixed conical escutcheon
- Low profile off the door



Security

Durable Design

Proven performance on thousands of applications

- Independent lever springs in escutcheon
- Lever movement stops within escutcheon
- Stainless steel escutcheon and lever
- Fewer moving parts
- Accomodates 1 3/4" door thickness

Customer-Driven Functions

SPSL locksets meet the unique needs of the various spaces within a secured behavioral ward

- **Patient Room** - Allows locking patient "out-of-room" and then converting to passage for other times. Free egress at all times.
- **Key Only Entry** - Key required at all time (storeroom), with anti-ligature levers. Free egress at all times.
- **Privacy** - Unique patent pending turnpiece design with traditional privacy anti-lockout function (including coin-turn cylinder for emergency entry)



Deadbolt

More industry - driven functions than any other lockset; See pages 4, 5, and 6.

"State-Of-The-Art" Electrified Series

Available for use on doors that need to be electrified within the behavior health unit.

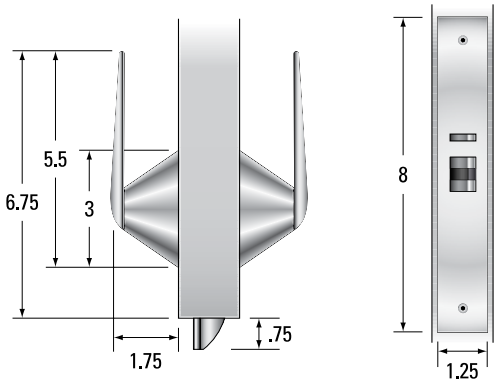
SPSE - Fail-secure (electrically unlocked) on the exterior; free egress at all times.

SPSF - Fail-safe (electrically locked) on the exterior; free egress at all times.

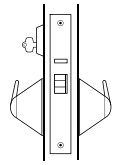
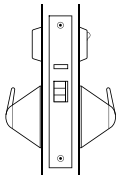
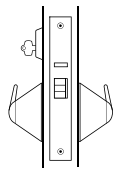
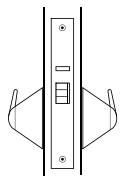
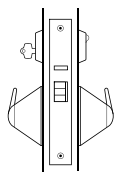
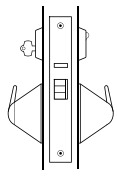
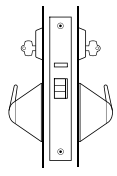
SPS3 - Fail-secure on both sides.

SPS4 - Fail-safe on both sides.

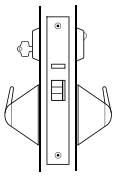
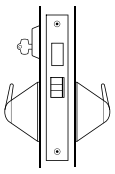
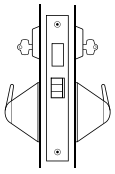
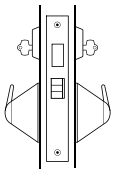
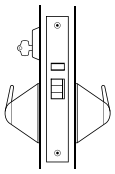
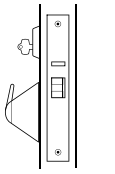
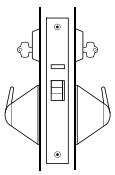
Optional signaling options include request-to-exit, door position and latch position switches, all of these can be monitored via an access control system.



SPSL – Mortise Lock Functions

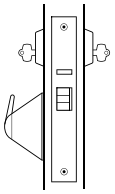
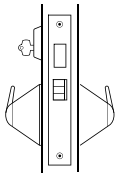
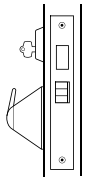
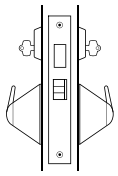
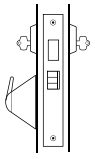
Nomenclature	Behavorial Healthcare Function (Popular usage)	BEST # & Nearest ANSI equivalent	Cylinders	Latch operated by	Element & operating information		
					Outside lever	Interior locking	Inside lever
Keyed - most popular							
 SPSL-ML-R-16F	Lockable Patient Room	R-Classroom F05	1	• Rotating inside lever • Rotating outside lever only when unlocked by key	Lockable		Cannot be locked
 SPSL-ML-LT-16F	Bathroom/Privacy	LT-Bathroom Privacy	Special	• Emergency entry via coin-turn cylinder • Free egress at all times • *Anti-lockout feature	Lockable	Turnpiece	Cannot be locked
 SPSL-ML-D-16F	Keyed entry	D-Storeroom F07	1	• Key always required for entry • Free egress at all times • Exterior lever push/ pull only	Dummy		Cannot be locked
Keyless							
 SPSL-ML-ON-16F	Passage	ON-Passage F01	0	• Rotating inside OR outside lever at any time	Cannot be locked		Cannot be locked
Keyed - single & double cylinder							
 SPSL-ML-RF-16F	Bedroom Privacy	RF Bedroom Privacy	1	• Rotating outside lever only when unlocked by key • Rotating inside lever • Free egress at all times • Remains locked upon exiting	Lockable	Turnpiece	Cannot be locked
 SPSL-ML-LTF-16F	Bedroom Privacy	LTF Bedroom Privacy	1	• Rotating outside lever only when unlocked by key • Rotating inside lever • Free egress at all times • Anti-Lockout feature-remains	Lockable	Turnpiece	Cannot be locked
 SPSL-ML-INL-16F	Lockable double cylinder	INL-Intruder F32	2	• Cylinder on exterior OR interior activates/ deactiviates exterior lever. • Free egress at all times	Lockable	Cylinder	Cannot be locked

NOTES: Locked lever is always free-moving, but does not retract latch when "locked". Latchbolt deadlocked by auxiliary latch. Passage, privacy, and deadbolt models do not contain auxiliary deadlatch. Turnpiece, when used, is anti-ligature design. Coin-turn cylinder is openable without use of a key.

Nomenclature	Behavorial Healthcare Function (Popular usage)	BEST # & Nearest ANSI equivalent	Cylinders	Latch operated by	Element & operating information		
					Outside lever	Interior locking	Inside lever
Keyed - single & double cylinder (continued)							
 SPSL-ML-A-16F	Office/privacy	A-Office Institutional privacy F26	1	• Exterior cylinder OR interior cylinder • Pressing the inside lever down allows free exiting from the room and reactivates the outside lever.	Lockable	Turnpiece	Cannot be locked
 SPSL-ML-T-16F	Deadbolt	T-Dormitory deadbolt F13	Special	• Key projects deadbolt • Exterior lever retracts latch • *Interior lever retracts latch and deadbolt	Operable except when deadbolted		Cannot be locked
 SPSL-ML-IND-16F	Deadbolt double cylinder	IND-Intruder deadbolt F33	2	• Exterior OR interior key projects deadbolt • Exterior lever retracts latch • *Interior lever retracts latch and deadbolt	Operable except when deadbolted	Cylinder	Cannot be locked*
 SPSL-ML-IND2-16F	Keyed only deadbolt & latch	IND2-Storeroom deadbolt	2	• Exterior OR interior key projects deadbolt • Exterior OR interior key retracts latch and deadbolt	Dummy	Cylinder	Dummy
Asylum - no free egress							
 SPSL-ML-W1-16F	Asylum	W1-Asylum	1	• Only exterior key retracts latch	Dummy		Dummy
 SPSL-ML-W10-16F	Asylum No interior lever	W10-Asylum	1	• Exterior key retracts latch	Dummy		None
 SPSL-ML-W2-16F	Asylum Double cylinder	W2-Asylum F30	2	• Exterior OR interior key retracts latch	Dummy	Cylinder	Dummy

NOTES: Locked lever is always free-moving, but does not retract latch when "locked". Latchbolt deadlocked by auxiliary latch. Passage, privacy, and deadbolt models do not contain auxiliary deadlatch. Turnpiece, when used, is anti-ligature design. Coin-turn cylinder is openable without use of a key.

SPSL – Mortise Lock Functions

Nomenclature	Behavorial Healthcare Function (Popular usage)	BEST # & Nearest ANSI equivalent	Cylinders	Latch operated by	Element & operating information		
					Outside lever	Interior locking	Inside lever
Asylum - no free egress (continued)							
 SPSL-ML-W20-16F	Asylum Double cylinder No interior lever	W20-Asylum F30	2	• Exterior OR interior key retracts latch	Dummy	Cylinder	None
 SPSL-ML-W3-16F	Asylum With deadbolt	W3-Asylum Deadbolt	1	• Exterior lever retracts latch • Deadbolt operated by key	Cannot be locked		Dummy
 SPSL-ML-W30-16F	Asylum With deadbolt No interior lever	W30-Asylum Deadbolt	1	• Exterior lever retracts latch • Deadbolt operated by key	Operable except when deadbolted		None
 SPSL-ML-W4-16F	Asylum With deadbolt Double cylinder	W4-Asylum Deadbolt	2	• Exterior OR interior key operation • Levers retract latch, not deadbolt • Exterior OR interior key operates deadbolt	Operable except when deadbolted	Cylinder	Operable except when deadbolted
 SPSL-ML-W40-16F	Asylum With deadbolt Double cylinder	W40-Asylum Deadbolt	2	• Exterior OR interior key operation • Exterior OR interior key operates deadbolt	Operable except when deadbolted	Cylinder	None

NOTES: Locked lever is always free-moving, but does not retract latch when "locked". Latchbolt deadlocked by auxiliary latch. Passage, privacy, and deadbolt models do not contain auxiliary deadlatch. Turnpiece, when used, is anti-ligature design. Coin-turn cylinder is openable without use of a key.

How to Order

SPSL	ML	R	16F	630	RH*	SH
Series	**Chassis**	**Function**	**Lever**	**Finish**	**Hand**	**Options**
SPSL – Secure Patient Safety Lever	**ML** – Mortise	**A** – Office privacy **D** – Storeroom **IND** – Intruder deadbolt **IND2** – Intruder storeroom deadbolt **INL** – Intruder latch **LT** – Bathroom privacy **R** – Classroom **T** – Dormitory deadbolt **W1** – Asylum lever/lever **W2** – Asylum double cyl lever/lever **W3** – Asylum deadbolt lever/lever **W4** – Asylum deadbolt double cyl lever/lever **W10** – Asylum lever/blank **W20** – Asylum double cyl lever/blank **W30** – Asylum deadbolt lever/blank **W40** – Asylum lever/blank	**16F** – Anti-ligature lever	**630** – Satin stainless steel	**RH** **LH** **RHRB** **LHRB**	**SH** – Includes security head screws

To ensure proper code compliance, please consult the local AHJ - Authority Having Jurisdiction. *Handed, not field reversible.

How to Order

SPSE	ML	RDL	630	RH*	SH
Series	**Chassis**	**Function**	**Finish**	**Hand**	**Options**
SPSE – Fail-Secure Exterior Only **SPSF** – Fail-Safe Exterior Only **SPS3** – Fail-Secure Both Sides **SPS4** – Fail-Safe Both Sides	**ML** – Mortise	**NNN** – No Signaling Options **RDL** – REX; DPS; LPS **NDL** – DPS; LPS **NNL** – LPS **NDN** – DPS **RDN** – REX; DPS **RNL** – REX; LPS **RNN** – REX	**630** – Satin Stainless Steel	**RH** **LH** **RHR** **LHR**	**SH** – Security Head Screws

*Handed, not field reversible REX = Request-To-Exit DPS = Door Position Switch LPS = Latch Position Switch

SPSL – Secure Patient Safety Lever: Cylindrical

Secure Patient Safety Lever (SPSL) meets the needs of resisting ligature engagement on the lock trim while providing patients and staff with easy-to-operate hardware. The patent-pending design meets the intent of ADA (Americans with Disabilities Act) by eliminating the operational requirement "pinch & grasp" motion. The reliable performance and security found within the traditional BEST products is now available in an anti-ligature design.

The tight tolerances, smooth meshing of the lever and the non-moving conical lock escutcheon set the industry standard. As an added suicide resistant measure, the lever is always free-moving bidirectionally, regardless of the lock function. The solid stainless steel design represents the highest level of quality construction found in the industry.

Innovative Ligature–Resistant Features

Designed in collaboration with the nation's largest behavioral healthcare service providers and industry consultants.

- Independent, tapered, bidirectional lever (patent pending design)
- Thru-bolted fixed conical escutcheon
- Low profile off the door

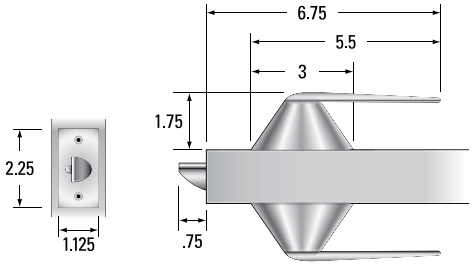


Passage

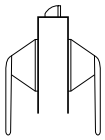
Durable Design

Proven performance on thousands of applications

- Independent lever springs in escutcheon
- Lever movement stops within escutcheon
- Stainless steel escutcheon and lever
- Fewer moving parts
- Handed
- Accomodates 1 3/4" door thickness



SPSL – Cylindrical Lock Functions

Nomenclature	Behavorial Healthcare Function (Popular usage)	BEST # & Nearest ANSI equivalent	Latch operated by	Element & operating information		
				Outside lever	Interior locking	Inside lever
Keyless						
 SPSL-CL-ON-16F	Passage	ON-Passage F01	• Rotating inside OR outside lever	Cannot be locked	Cylinder	Cannot be locked

How to Order

SPSL	CL	ON	16F	630	RH*	SH
Series	**Chassis**	**Function**	**Lever**	**Finish**	**Hand**	**Options**
SPSL – Secure Patient Safety Lever	**CL** – Tubular 23/4" backset (69mm) **CL5** – Tubular 5" backset (127mm)	**ON** – Tubular passage	**16F** – Anti-ligature lever	**630** – Satin stainless steel	**RH** **LH** **RHRB** **LHRB**	**SH** – Includes security head screws

To ensure proper code compliance, please consult the local AHJ - Authority Having Jurisdiction. *Handed, not field reversible.

SSRL – Secure Seclusion Room Lock

Secure Seclusion Room Locks (SSRL) provide effective locking for behavioral health applications requiring temporary patient containment. Single or multi-point bolts protrude into the frame or strike to provide added protection against unauthorized egress attempts. Pending the respective local code requirements, the SSRL can be ordered with features requiring continual or no supervision.

Continuous Supervision: (SSRLS-3, SSRLS-1) Bolts remain extended by facility staff engaging the lever.

No Supervision: (SSRLU-3, SSRLU-1) Bolts remain extended or locked via the lever operation.

Multiple-point locking on the same horizontal plane provides optimal protection from functional wear and/or violent egress attempts. Single-point locking is effective in less severe locations. Unsupervised models require keyed release of the lever lock preventing unauthorized locking of the door.

Retrofit applications, both in-swing and out-swing, are available. Out-swing applications require use of a surface-applied strike plate and mounting plate.

SSRL Feature Summary

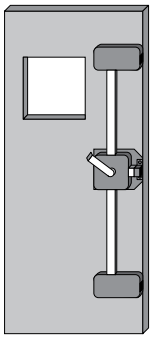
- Multi-point deadlocking
- Optional independent or supervised locking
- Stainless steel deadbolts 1" throw
- Surface mounted
- No exposed interior hardware



Supervised surface mounted

THREE POINT MODELS

SSRLS-3



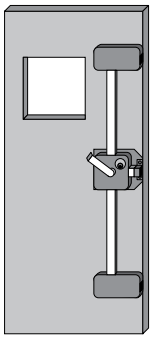
Constant Supervision Model
3-point w/ lever

Application: Behavioral Healthcare, Drug-Substance Abuse or Detention facilites

Operation: Lever projects deadbolts; Deadbolts automatically retract when lever is released

Please confirm code-compliance prior to ordering or installing

SSRLU-3



Unsupervised Model
3-point w/ lever & cyl.

Application: Behavioral Healthcare, Drug-Substance Abuse or Detention facilites

Operation: Lever projects/retract deadbolts; Cylinder locks lever

Please confirm code-compliance prior to ordering or installing

Locksets
- SSRLS-3
  Constant supervision
- SSRLU-3
  Unsupervised

Strike
- SSRL-SK3
  Aluminum angled strike kit for 3-point out-swing doors (not packed with lock; must order separately)

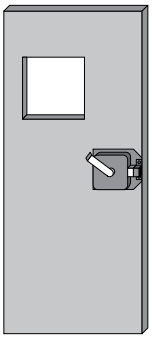
Options
- -C
  Digital Counter (add after model number)

HANDING IS REQUIRED
Handing is determined by looking at the door from the OUTSIDE of the room and identifying the HINGE side.

Strike kits are required for out-swing doors.

SINGLE POINT MODELS

SSRLS-1



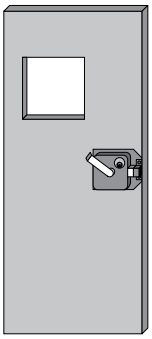
Constant Supervision Model
Single point w/ lever

Application: Behavioral Healthcare, Drug-Substance Abuse or Detention facilites

Operation: Lever projects deadbolts; Deadbolts automatically retract when lever is released

Please confirm code-compliance prior to ordering or installing

SSRLU-1



Unsupervised Model
Single point w/ lever & cyl.

Application: Behavioral Healthcare, Drug-Substance Abuse or Detention facilites

Operation: Lever projects/retract deadbolts; Cylinder locks lever

Please confirm code-compliance prior to ordering or installing

SSRLS-1
Constant supervision
SSRLS-1-SK1
Constant supervision; includes aluminum angled strike for out-swing doors
SSRLU-1
Unsupervised
SSRLU-1-SK1
Unsupervised; includes aluminum angled strike for out-swing doors
SSRL-SK1
Strike kit for single point out-swing doors **(may be ordered separately with SSRLS-1 or SSRLU-1)**

HANDING IS REQUIRED
Handing is determined by looking at the door from the OUTSIDE of the room and identifying the HINGE side.

Strike kits are required for out-swing doors.

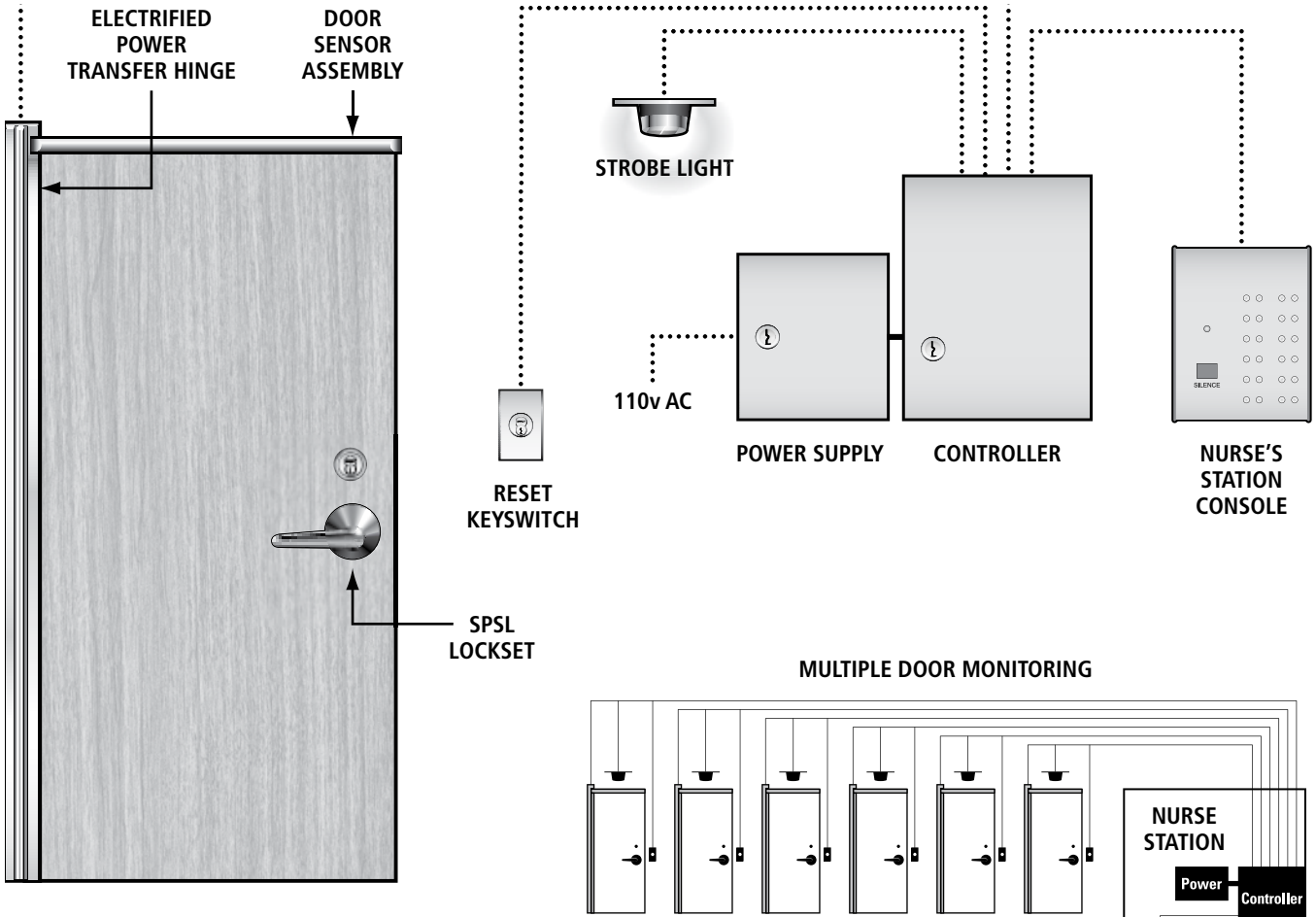
Concealed models are available, consult factory.

SEDA – Secure Emergency Door Alarm

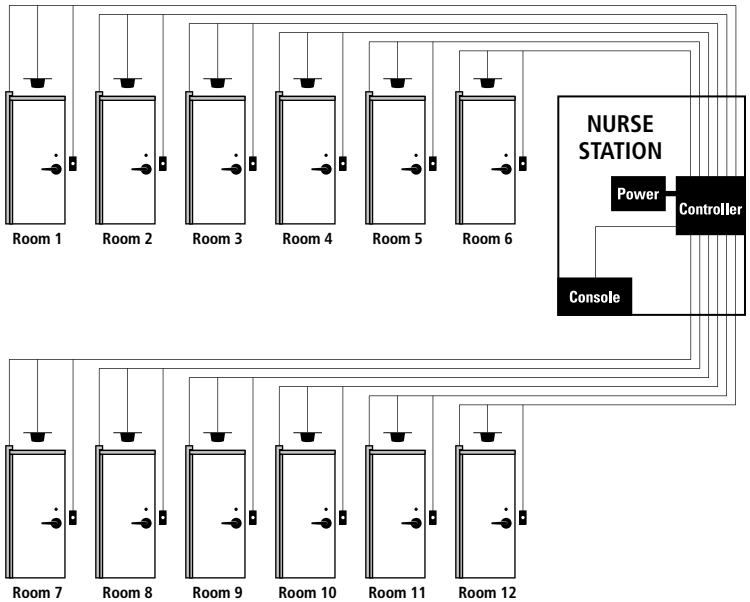
Secure Emergency Door Alarm's (SEDA) patent-pending full-width door sensor bars are activated by attempts to drape an item over the door. The sensor bar incorporates a curved design providing maximum sensitivity to pressure. The pressure activates internal switches, which are protected by the steel construction. The sensor bars are field adjustable to provide full door coverage and are easily installed.

Retrofit applications are ideal for SEDA. Electrified full-surface continuous hinges have been designed in an anti-ligature fashion and transfer the SEDA signal from the door to the frame. In doing so, coverage over the critical hinge side of the door is maintained. SEDA models may be applied to traditional swinging doors (mounted on pull side of door) or double-acting doors (mounted on patient side of door).

Additional notification and signal monitoring options are available to meet facility requirements. Field adjustments include a nuisance alarm and the piezo volume on the nurse's station console.



MULTIPLE DOOR MONITORING



SEDA Elements

Door Sensor Assembly

The Door Sensor Assembly is available with telescoping adjustment to accommodate various door sizes. To avoid inadvertent activation, the DSA is equipped with a field adjustable nuisance delay (factory default 3 seconds). Adjustment setting can be performed at the Controller.

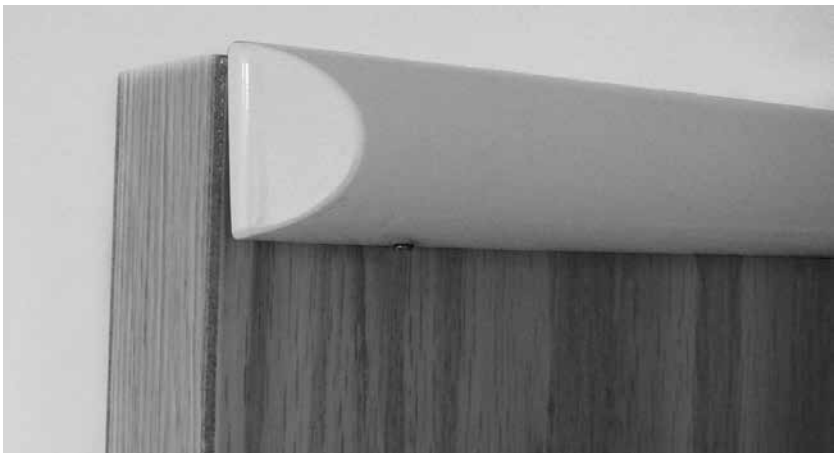
Neutral beige finish. For additional finishes please consult factory.

Door Sensor Assemblies:

SEDA-DSA-P1
- For doors 36" - 42" wide
- Specify PULL SIDE of door width when ordering

SEDA-DSA-P2
- For doors 42" - 48" wide
- Specify PULL SIDE of door width when ordering

SEDA-DSA-P3
- Pair for closet doors up to 36" wide
- Specify PULL SIDE of door width when ordering



Controller & Power Supply Dimensions:



Power Supply



Controller

Model Number	Power Supply Box	Controller Box
SEDA-CPS-1A52-12	8.25H x 7.5W x 3.5D	12.5H x 9.25W x 4.125D
SEDA-CPS-1A52-24	8.25H x 7.5W x 3.5D	15.5H x 11.25W x 4.5D
SEDA-CPS-1A52-36	12.5H x 9.25W x 4.125D	20.25H x 15.5W x 4.25D

Strobe Light

SEDA-SL2
- Amber strobe light with steel mounting plate



SEDA-SL2

SEDA Elements

Console

The desk mounted console provides remote real-time visual and audible status to the Door Sensor assemblies. Pending the respective opening quantities, the console is available for order to monitor up to 12, 24, or 36 Door Sensor Assemblies.

Console elements:

- LED (1 red/green per room)
- Adjustable piezo alarm
- Remote siren output
- Console output
- Strobe output
- Reset keyswitch inputs
- Power requirements – 12VDC supplied from the controller
- Finishes: Desk Console - Blue case with a beige top. Wall mounted Console - Auminum cover plate



Desk Console



Wall Mounted Console

Console Dimensions:

Desk Console

Model Number	Dimensions
SEDA-DCRS-12	6.5W x 8.3D x 3 Rear Height x 1.3 Front Height
SEDA-DCRS-24	10W x 8.3D x 3 Rear Height x 1.3 Front Height
SEDA-DCRS-36	14W x 8.3D x 3 Rear Height x 1.3 Front Height

Wall Mounted Console

Model Number	Dimensions*
SEDA-WCRS-12	8.25H x 6.25W x 2D
SEDA-WCRS-24	7.25H x 11.25W x 2D
SEDA-WCRS-36	7.25H x 15.25W x 3D

* These dimensions are the install dimensions. The cover plate will cover 1" on the wall around the box.

Reset Keyswitch

KS101

- Wall mounted keyswitch (single gang box not included)
- 1 1/4" mortise cylinder/straight cam required (cylinder not included)



Reset Keyswitch

Electrified Power Transfer Hinge

ECHFS-MH-AL-4

- Full-surface angled aluminum construction and finish hinge (security screws provided with hinge)
- Includes header–mounted segment



Electrified Power Transfer Hinge

Accessories

SEDA-SPLB-1

- Splice box for use within room containing up to 5 doors.



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BA-0014 Rev 01/29/2018
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