Behavioral Healthcare Solutions
by BEST
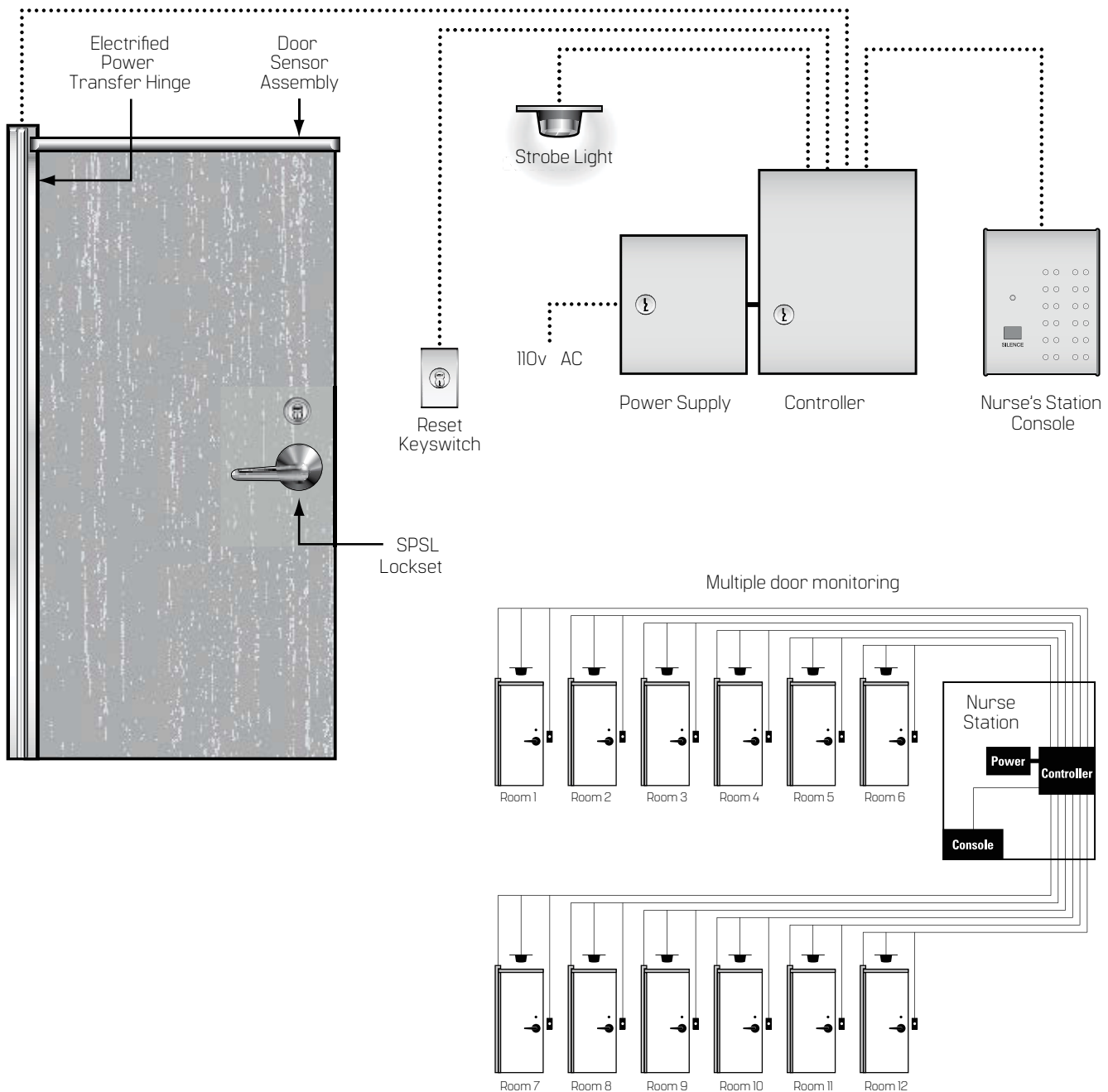
SEDA – Secure Emergency Door Alarm

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.

Electrified Power Transfer Hinge

Door Sensor Assembly

Strobe Light

110v AC

Power Supply

Controller

Nurse's Station Console

Reset Keyswitch

SPSL Lockset

Multiple door monitoring

Room 1   Room 2   Room 3   Room 4   Room 5   Room 6

Nurse Station

Power   Controller

Console

Room 7   Room 8   Room 9   Room 10   Room 11   Room 12

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.
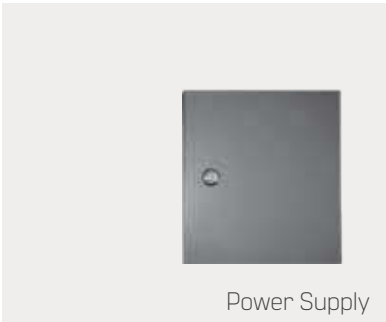
Door Sensor Assemblies:

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

Power Supply

Controller

Controller & Power Supply Dimensions:

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

SEDA-SL2

Strobe Light:

SEDA-SL2
· Amber strobe light with steel mounting plate

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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

Desk Console Dimensions:	
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 Dimensions:	
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)
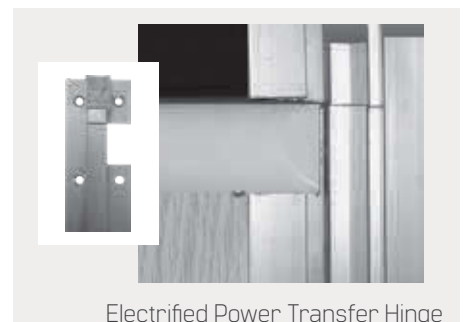- 1 1/4" mortise cylinder/straight cam required (cylinder not included)

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

Accessories:

SEDA-SPLB-1

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

Reset Keyswitch

Electrified Power Transfer Hinge