DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SE Series
DIE CAST EXIT SIGN

SEMPRA®

FEATURES

- Easy to install
- Extruded aluminum construction
- Available in six color finishes: white, black, satin aluminum, satin brass, chrome, and dark bronze
- Long-life LED lamps
- Molded acrylic plaque
- Clear acrylic plaque standard
- Ceiling, wall or end mounted models for recessed installations
- Red or green letter models
- Universal rough-in box
- 120/277 VAC, 60 Hz. operation
- AC On Indicator Light

Ceiling Mount

RELATED PRODUCTS

🔗 SEMR Series - Cast Aluminum Master/Remote LED Exit Sign Sets

🔗 SERS Series - Decorative, Low Profile Cast Aluminum LED Exit Sign

UL924 SPECTRON® Self-Testing/Self-Diagnostic Electronics System TITLE 20 NFPA 70 NFPA 101

SPECIFICATIONS

APPLICATION
- The SE Series offers bright and even LED illumination in an attractive die-cast aluminum housing
- Features include UL listing for 2 hour runtime, AC or Emergency operation with optional Spectron® self-test/self-diagnostic circuitry
- Special Wording (SW) option also allows for customization of the stencil field to convey important information
- Housing designed for quick and easy installation with low energy consumption. Damp location listed
- Includes a Vandal/Tamper Resistant (VTR) option
- The VTR option includes a polycarbonate faceshield and tamper resistant screws

CONSTRUCTION
- Housing, exit face and matching canopy constructed of high-strength die-cast aluminum
- Sign finish is textured white, white with brushed aluminum face, black, or black with brushed aluminum face
- Diffuser finish is color-matched silk-screened coating which provides optimized LED light output
- Exit face design in single or double face with red or green letters and break-out chevrons. Break-out chevrons are also included with the special worded option
- Exit stencil with 6" letters and ¾" stroke

INSTALLATION
- Universal mounting (wall, ceiling, end) to standard 3½" or 4" octagon or square electrical box by use of easily removed, template configured knockouts
- Cast aluminum canopy and universal mounting plate included
- All mounting hardware is fully concealed

ILLUMINATION
- Exit face illumination is provided by energy savings, long life red or green LEDs
- Exceeds UL 924 requirements for brightness and uniformity. 10 year LED life

COMPLIANCES
- UL 924 Listed (Meets 1998 brightness and uniformity requirements)
- UL Damp Location Listed
- NFPA 70
- NFPA 101
- U.S. Patents No. 6,050,013 and 6,082,031
- CEC T20 Compliant

WARRANTY
- 5 year warranty
- See HLI Standard Warranty for additional information

KEY DATA	
Power Factor, Average	.8 (lagging)
Wattage Range	2.1-3.8W
Battery Type	Sealed Nickel Cadmium
Reported Life (Hours)	60,000
Input Current Range	120/277VAC, 60 Hz

HUBBELL Lighting

SE Series
DIE CAST EXIT SIGN

ORDERING GUIDE

Example: SESRWE

CATALOG #

SE						–	
Model	**Faces**	**Letter Color**	**Finish**	**Operation**	**Self-Diagnostic**		**Options**
SE Cast Aluminum	**S** Single **D** Double* * Not for use with wall mounted models	**R** Red **G** Green	**W** White **B** Black **WN** White with brushed face **BN** Black with brushed face	**Blank** AC Only **E** Emergency	**Blank** None **I** Spectron® self-testing/ self-diagnostic electronics* * For use with emergency models only		**SW** Special Wording[7] **2C** 2 Circuit Operation[2,5] **FAP** Fire arlarm panel interface[1,3,5,6] **FM** Flasher module[1,6] **DC** Remote DC operation[2,4,5] **24K** 220-240VAC, 60Hz. operation **VTR** Vandal/tamper resistant option[8] **LRBB** Sign assembly less rough in back box - SERS only

Notes:
1. For use with Spectron® self-diagnostic models only.
2. For use with AC models only
3. Operates with 24-Volt AC or DC fire alarm panels
4. For emergency illumination of sign from remote 6-24 VDC power sources
5. -DC option may not be specified with -2C or -FAP options
6. -AF, -FM and -FAP options may not be specified together
7. Enter Special Wording choice from page 4: example SW10. Not available with SEMR or SERS models
8. Provides polycarbonate face shield and tamper-proof screws. Meets UL listing requirements for floor proximity use

Accessories

☐	**PMCW**	12½" Pendant Mounting Kit (white)
☐	**PMCB**	12½" Pendant Mounting Kit (black)
☐	**WGLX**	Wire guard (Wall Mount)
☐	**WGLXC**	Wire guard (Ceiling Mount)
☐	**WGLXE**	Wire guard (End Mount)
☐	**VRS3**	Vandal Resistant Shield

ELECTRONICS

Available with AC, emergency and Spectron® self-test/ self-diagnostic electronics option. Emergency and self-diagnostic models equipped with isolation transformer and fully automatic constant current solid state charger with sealed maintenance-free nickel-cadmium battery. All emergency models with 2-hour minimum run-time. All components mounted inside housing. Includes test switch and AC-on indicator. Transient/ surge protection, low voltage disconnect and AC lock-out features included. Battery re-charge within UL time standards. Includes pre-stripped AC input pigtail leads.

DIMENSIONS

9 ⅛" (23 cm)

10" (25.5 cm)

11 ¾" (30 cm)

12 ⅝" (32 cm)

1 ⅝" (4 cm)
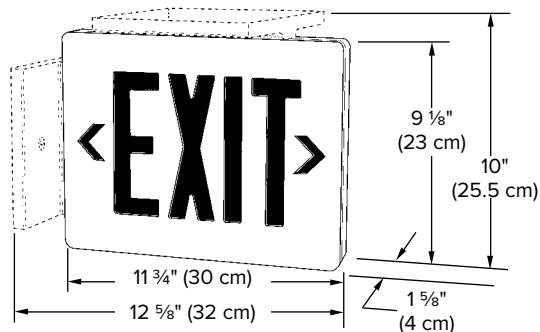
POWER CONSUMPTION (120/277VAC)

Model	120VAC	277VAC
Red AC Only	2.6 watts	2.6 watts
Green AC Only	2.1 watts	2.1 watts
Red Emergency	3.8 watts	3.8 watts
Green Emergency	3.5 watts	3.5 watts

* Wattage figures include LED lamps, transformer and electronics power requirements. LED Lamp assemblies (red or green) consume less than 1 watt

Power Factor, Average: .8 (lagging)
Battery Type: Maintenance-free sealed nickel cadmium battery
AC Input: 120/277VAC, 60 Hz. (all models)
Operating Temperature Range: 0°C to 40°C (32°F to 104°F)
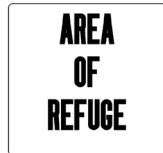
HUBBELL Lighting

HUBBELL Lighting

SPECIAL WORDING

Dual-Lite's cast-aluminum SE Series exit signs feature an option for custom or standard special-wording. The images below represent a sample of standard special-worded signs available. A comprehensive list of all standard special-wording signs is shown on the next page. Because the artwork and silk-screening for these signs were previously developed, pricing for these standard special-worded signs do not incur a setup charge. If your special-worded requirements do not show up on this list, please contact the factory to request your custom special-worded sign. Custom special-worded signs will incur a one time setup charge for each development.

STANDARD SPECIAL WORDING SIGNS

مخرج EXIT	AREA OF REFUGE	AREA OF RESCUE ASSISTANCE	AREA OF RESCUE	DANGER
SW65 (Makhraj Arabic)	SW10	SW13	SW40	SW47
DARKROOM IN USE	DO NOT DISTURB	DO NOT ENTER	EMERGENCY ASSISTANCE	EXIT
SW5	SW101	SW7	SW97	SW22
LASER IN USE	MAGNET IN USE	NO EXIT	NO SMOKING	ON AIR
SW31	SW45	SW37	SW98	SW9
ROOM IN USE	SALIDA	STAIRS	TO FIRE ESCAPE	X-RAY IN USE
SW30	SW69	SW48	SW73	SW4
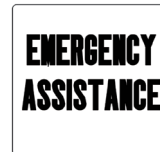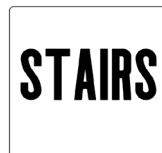
NOTE: Special worded signs do not meet letter size requirements of UL 924.

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Category	Special Wording Number		Description
EXIT	SW	1	TO EXIT
	SW	2	NOT AN EXIT
	SW	22	EXIT W/ WHEELCHAIR SYMBOL
	SW	37	NO EXIT
	SW	42	EMERGENCY EXIT ONLY
	SW	63	WHEELCHAIR SYMBOL/ EXIT
	SW	67	EMERGENCY EXIT
	SW	70	FIRE EXIT ONLY
	SW	73	TO FIRE ESCAPE
AREAS/ALERTS	SW	5	DARKROOM IN USE
	SW	9	ON AIR
	SW	27	QUIET
	SW	29	PERFORMANCE IN PROGRESS
	SW	44	IMAGE ACQUISTION
	SW	52	STUDIO IN USE
	SW	55	BATTERY CHARGING IN PROCESS
	SW	61	UNCLEARED VISITORS
	SW	68	STAND BY ON AIR
	SW	80	TV STUDIO IN USE
	SW	85	JURY IN SESSION
	SW	88	DARKROOM IN USE/DO NOT ENTER
	SW	96	L CLEARED / IN AREA
	SW	100	CLASSIFIED/BREIFING
	SW	102	UNCLEAR/VISITOR IN AREA
	SW	103	ON THE AIR w/ SYMBOL
	SW	109	JUVENILE IN CELL
	SW	111	MEETING IN PROGRESS
	SW	115	RECORDING
	SW	121	QUIET PLEASE/SLEEP STUDY IN PROGRESS
	SW	128	INTERVIEW IN PROGRESS
	SW	129	SIMULATOR/IN USE
	SW	131	RANGE/IN USE
	SW	133	COURT/IN/SESSION
	SW	134	STAND/BY
	SW	135	VISITOR
	SW	156	ON AIR/STUDIO ONE
	SW	157	ON AIR/STUDIO TWO
	SW	158	ON AIR/STUDIO THREE
	SW	159	RECORDING ROOM IN USE
	SW	162	THE MAGNET IS ON
	SW	163	WAITING AREA
	SW	164	Brief in Progress
	SW	171	WARNING HAZARD
	SW	172	LIVE FIRING IN PROGRESS
	SW	173	QUIET/COURT IN SESSION
	SW	174	OPEN
	SW	176	PATIENT WAITING
	SW	179	OCCUPIED
	SW	181	WHEELCHAIR ACCESS ICON
DANGER/ALERTS	SW	6	CAUTION
	SW	47	DANGER
	SW	137	OSPA/ASSISTANCE/ NEEDED

Category	Special Wording Number		Description
EVACUATION	SW	10	AREA OF REFUGE
	SW	11	AREA OF REFUGE WITH WHEELCHAIR SYMBOL
	SW	12	AREA OF RESCUE ASSISTANCE
	SW	13	AREA OF RESCUE ASSISTANCE WITH WHEELCHAIR SYMBOL
	SW	14	ELEVATOR
	SW	24	CAUTION STAIRS
	SW	25	NOT AN AREA OF REFUGE
	SW	40	AREA OF RESCUE
	SW	48	STAIRS
	SW	79	TO AREA OF RESCUE ASSISTANCE
	SW	97	EMERGENCY ASSISTANCE
	SW	117	TO AREA OF REFUGE
	SW	122	AREA OF REFUGE ASSISTANCE
	SW	123	UP
	SW	124	DOWN
	SW	132	RED CROSS (SYMBOL ONLY)
INTERNATIONAL EXIT	SW	32	EXIT/SALIDA
	SW	41	ARABIC/EXIT
	SW	64	ARABIC/EXIT
	SW	65	MAKHRAJ ARABIC/EXIT
	SW	66	ARABIC/EXIT
	SW	69	SALIDA
RESTROOMS/ FACILITIES	SW	15	RESTROOMS
	SW	16	MEN
	SW	17	MEN WITH SYMBOL
	SW	18	WOMEN
	SW	19	WOMEN WITH SYMBOL
	SW	54	PHONE
	SW	91	DECORATIVE CROSS SYMBOL
	SW	92	NON SMOKING
	SW	98	NO SMOKING
	SW	118	WHEELCHAIR (SYMBOL ONLY)
ON/OFF	SW	50	GENERATOR ON
	SW	75	FAN OFF
	SW	82	EMERGENCY POWER ON
	SW	84	CITY WATER BACKUP ON
	SW	106	READY ON
	SW	108	READY
PEDESTRIANS/ CROSSING	SW	78	CAUTION WATCH FOR PEDESTRIANS

Category	Special Wording Number		Description
LABORATORY	SW	4	X-RAY IN USE
	SW	20	WARNING LASER ON
	SW	21	BEAM ON
	SW	23	CAT SCAN IN USE
	SW	26	MRI ROOM IN USE
	SW	28	MRI IN USE
	SW	31	LASER IN USE
	SW	33	LASER ON DO NOT ENTER
	SW	34	MAGNET ON
	SW	36	UV LIGHTING IN USE
	SW	38	CLOSE HOODS
	SW	39	RADIATION ON
	SW	43	DANGER BIO HAZARD IN USE
	SW	45	MAGNET IN USE
	SW	46	LASER LAB IN USE
	SW	49	X-RAY ON
	SW	51	CAUTION X-RAY
	SW	53	BEAM ON DO NOT ENTER
	SW	56	FIRE
	SW	57	CT IN USE
	SW	58	OPEN LASER
	SW	62	RADIATION IN USE
	SW	71	X-RAY
	SW	72	X-RAY OFF
	SW	83	MAGNET AT FIELD
	SW	87	BEAM IN USE
	SW	89	CRYOSTAT MAGNET IN USE
	SW	93	LASER ENABLED
	SW	105	CT SCAN/IN USE
	SW	107	DANGER
	SW	112	X-RAY IN USE/DO NOT ENTER
	SW	113	MAGNET/RAMPED
	SW	116	SCANNER IN USE
	SW	120	UV/RADIATION
	SW	125	NO ENTRY FUEL CELL WORK IN PROGRESS
	SW	127	RADIATION
	SW	136	RADIATION/SOURCE/ EXPOSED
	SW	138	RAYOS-X/ EN USO
	SW	139	RADIATION/WARNING
	SW	140	CT ON/DO NOT ENTER
	SW	141	LINAC/ IN USE
	SW	143	TEST CELL/ IN USE
	SW	145	MRI MAGNET/ IN USE
	SW	146	POLYGRAPH/ IN USE
	SW	147	TEM IN USE
	SW	148	ETEM IN USE
	SW	152	BLAST TUBE
	SW	155	LAB IN USE
	SW	160	BEAM READY
	SW	175	MAGNET ALWAYS ON
	SW	183	CATH TUBE IN USE
	SW	184	STAT

NOTE: Special worded signs do not meet letter size requirements of UL 924.

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