



# SE Series

## Die Cast Exit Sign

Catalog Number	
Comments	Type

### FEATURES

#### 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 3/4" stroke.

#### Installation

Universal mounting (wall, ceiling, end) to standard 3 1/2" 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

#### Warranty

Unit and electronics: 5 years full.



### ACCESSORIES

<b>FCM-R</b>	Kit converts AC red letter models to emergency operation
<b>FCM-G</b>	Kit converts AC green letter models to emergency operation
<b>PMCW</b>	12 1/2" Pendant mounting kit (white)
<b>PMCB</b>	12 1/2" Pendant mounting kit (black)
<b>WGLX</b>	Wire guard (Wall mount)
<b>WGLXC</b>	Wire guard (Ceiling mount)
<b>WGLXE</b>	Wire guard (End mount)
<b>VRS3</b>	Vandal resistant shield

### ORDERING GUIDE

SE	FACES	LETTER COLOR	FINISH	OPERATION	SELF-DIAGNOSTIC	OPTIONS
MODEL	<b>S</b> Single <b>D</b> Double*	<b>R</b> Red <b>G</b> Green	<b>W</b> White <b>B</b> Black <b>WN</b> White with brushed face <b>BN</b> Black with brushed face	<b>BLANK</b> AC only <b>E</b> Emergency	<b>Blank</b> None <b>I</b> Spectron® self-testing/self-diagnostic electronics*	<b>SW</b> Special Wording <sup>7</sup> <b>2C</b> 2 Circuit Operation <sup>23</sup> <b>FAP</b> Fire alarm panel interface <sup>1353</sup> <b>FM</b> Flasher module <sup>24</sup> <b>AF</b> Audible flasher module <sup>14</sup> <b>DC</b> Remote DC operation <sup>245</sup> <b>24K</b> 220-240VAC, 60Hz. operation <b>VTR</b> Vandal/tamper resistant option <sup>1</sup> <b>LRBB</b> Sign assembly less rough-in back box - SERS only

\* For use with emergency models only.

(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 959: 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.



## SPECIFICATIONS

### 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.

### Power Consumption

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.

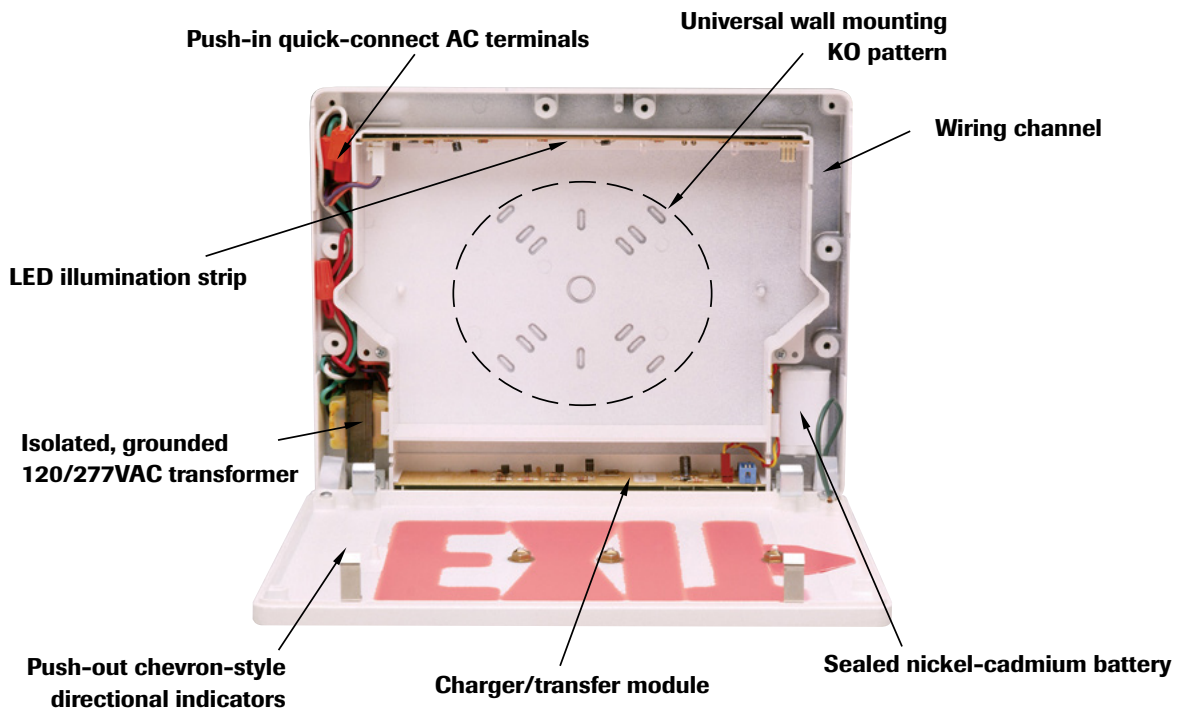
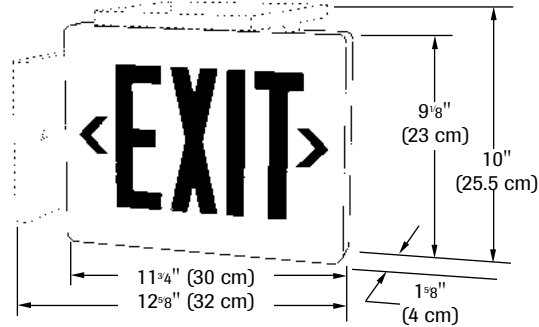
**Power Factor, Average:** .8 (lagging)

**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)

## DIMENSIONS



**STANDARD SIGNS**

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.



SW65 (Makhraj Arabic)



SW10



SW13



SW40



SW47



SW5



SW101



SW7



SW97



SW22



SW31



SW45



SW37



SW98



SW9



SW30



SW69



SW48



SW73



SW4

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

### STANDARD SPECIAL WORDING SIGNS

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
AREAS/ALERTS	SW 73	TO FIRE ESCAPE
	SW 5	DARKROOM IN USE
	SW 9	ON AIR
	SW 27	QUIET
	SW 29	PERFORMANCE IN PROGRESS
	SW 44	IMAGE ACQUISITION
	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 171	WARNING HAZARD
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		MAKHAJ 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 160	BEAM READY	
	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	

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