



SEMR Series

DIE CAST MASTER/REMOTE EXIT SIGN SETS

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- 5-minute installation
- High-strength cast aluminum
- Long-life LED lamps
- Red or green letter models
- White, black and black or white with brushed face finishes
- 120/277 VAC operation, 60 Hz operation



RELATED PRODUCTS

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



SPECIFICATIONS

APPLICATION

- The Sempra® MR Series are a set of compact, low-profile Master/Remote exit sign featuring cast aluminum construction
- It allows for easy installation and has energy saving, long-life LED lamps

CONSTRUCTION

- The Sempra® MR Series housing, exit face(s) and matching canopy are constructed of high strength cast aluminum with the option of white, white with brushed aluminum, black or black with brushed aluminum finish
- The diffuser has a frequency-matched silk screened coating that provides optimized LED light output
- The unit comes with 6" letters with a 3/4" stroke and chevron directional arrows

INSTALLATION

- The master and remote unit signs mount to 3 1/2, 4" octagon or 4" square outlet boxes and standard plaster rings
- Exit signs housings are provided with knockout pattern for mounting to standard outlet boxes
- Ceiling and end installations are available for the master unit only and mounting canopy is provided
- The canopy mounts to outlet boxes by means of a universal mounting plate which is supplied
- Exit mounts to canopy bracket
- Wiring for the master exits are a pre-stripped AC input pigtail leads and wiring for remote exits are an interconnecting wiring that consists of three- 18 gauge (min.) AC conductors which are supplied by installer

ILLUMINATION

- The master unit comes with 4 red or green high-output LEDs and the remote unit come with 6 red or green high-output LEDs
- LEDs have an excess of 20 year life
- Brightness index and illumination uniformity both exceed UL requirements

COMPLIANCES

- UL 924 Listed
- NFPA 101 Life Safety Code
- CEC T20 Compliant

WARRANTY

- Fixture: 5 year warranty
- Battery: 2 Years Full, 8 Years Pro-Rata

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



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ORDERING GUIDE

Example: SESRWE

CATALOG #

SEMR						Options	
Model	Faces	Letter Color	Finish	Operation	Self-Diagnostic		
SEMR Die-Cast Aluminum Master/Remote	S Single	R Red	W White	Blank AC Only	Blank None	2C	2 Circuit Operation ^{2,5}
	D Double*	G Green	B Black	E Emergency	I Spectron® self-testing/self-diagnostic electronics ¹	FAP	Fire alarm panel interface ^{1,3,5,6}
			WN White with brushed face			FM	Flasher module ^{1,6}
			BN Black with brushed face			AM	Audible/Flasher module ^{1,6}
						DC	Remote DC operation ^{2,4,5}
						24K	220-240VAC, 60Hz. operation
						VTR	Vandal/tamper resistant option ⁸

Notes:

- For use with Spectron® self-diagnostic models only.
- For use with AC models only
- Operates with 24-Volt AC or DC fire alarm panels
- For emergency illumination of sign from remote 6-24 VDC power sources
- DC option may not be specified with -2C or -FAP options
- AF, -FM and -FAP options may not be specified together
- Provides polycarbonate face shield and tamper-proof screws. Meets UL listing requirements for floor proximity use

ELECTRONICS

A nickel-cadmium battery is supplied with master exits and comes with a solid state constant current type charger. Transfer to emergency operation is completely automatic upon failure of utility AC voltage. Units also have a built-in protection for transformer isolation, surge, transient and low voltage disconnect. Emergency operation shall be provided for a minimum of 90 minutes. Full battery recharge occurs in compliance with UL 924 specifications. A universal 120/277 VAC, 60Hz input transformer, test switch and long life AC pilot light are all provided standard. Exit signs must comply with all UL 924 and NFPA 101 Life Safety Code requirement.

STANDARD FEATURES INCLUDE

- High-strength cast aluminum construction
- Compact, low-profile style
- Red and Green letters
- Break out chevron directional arrows
- Wide range of options including vandal/tamper-proof

MASTER SIGNS

- Single and double face models
- End, ceiling or wall mounting
- Push-in wiring connectors provided
- Fully automatic, solid-state charger
- All emergency components mount inside exit housing
- Operates for a minimum of 90 minutes
- Test switch and AC-On indicator
- Models available with Spectron® self-testing/self-diagnostic electronics

REMOTE SIGNS

- Beveled, low-profile design meets ADA requirements
- Mounts to standard electrical boxes
- VTR acrylic shield option provides enhanced damage resistance and meets UL Listing requirements for floor proximity use.

OPERATING TEMPERATURE RANGE

Standard: 68°F to 86°F (20°C to 30°C)

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

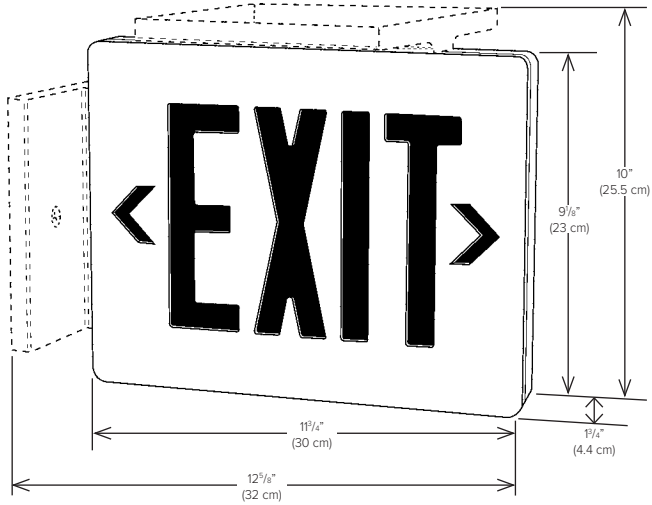
* Wattage figures include LED lamps, transformer and electronics power requirements. LED Lamp assemblies (red or green) consume less than 1 watt

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DIMENSIONS

Master Signs



Remote Signs

