



## SVX SERIES SURVIVE-ALL EXIT ALL PURPOSE LED EXIT SIGN

AC, AC/DC and Self-Powered  
Self-Powered Exit Sign comes standard  
with Self-Diagnostic/Self-Test circuitry

**Listed to UL924 Standard**

**Sealed Maintenance-Free Battery**

- Nickel Cadmium



### Applications:

- **High Abuse Areas** • **Vandal Prone Areas** • **Damp and Wet Locations** • **NEMA-4X Rated**
- **Hose Down Areas** • **Cold Temperatures** • **Food Processing/Preparation**

### General Information

The Survive-All SVX Series is offered in AC-Only, AC/DC or Self-Powered configurations. The industrial grade polyvinyl chloride enclosure is designed specifically for hostile environment applications. The Survive-All SVX Series is fully gasketed around lens and canopy. The sealed faceplate is constructed of heavy duty, vandal resistant polycarbonate and features an evenly illuminated legend. The stencil-face has knock-out directional chevron arrows. A magnetic test switch adds to the ruggedness of the SVX Series design by reducing the chance of tampering and damage.

The Survive-All SVX Series is designed specifically for high abuse areas, wet locations, and cold weather (-20C°) (-4°F) applications. It is ideally suited for schools, parking garages, public areas, transit platforms, and security areas/prisons.

### Self-Diagnostic/Self-Test Feature (Standard)

Self-Diagnostic circuitry is standard on all self-powered models. This circuitry is programmed to ensure the exits readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, a single service required indicator illuminates immediately. A detailed diagnostic display is located on the inside of the exit sign... out of sight from the general public will further indicate the nature of the fault. The self testing software will test the unit for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.

### Standard Features

**Housing...** Rugged poly vinyl chloride body, will not dent, peel, rust or corrode. The sealed faceplate is constructed of heavy duty, vandal resistant polycarbonate and features an evenly illuminated legend. The fully gasketed faceplate is fastened with stainless steel tamper-resistant screws. Models can be wall, end or ceiling mounting. Legend and chevron complies with UL and CSA requirements.

\*AC only and AC/DC units are listed for use at -40°C to + 40°C

**Reliability...** Survive-All SVX Series exits signs are unaffected by the vibrations, ambient temperature swings and typical power surges detrimental to standard exit light sources.

### High Performance Circuitry

- Self Contained... Batteries and circuitry are located inside the exit housing.
- Continuous self-diagnostic monitoring.
- Fully automatic charger is solid state.
- AC, AC/DC and Self-Powered Models have universal, 2-wire input 120V to 277VAC 50/60 Hz.
- Batteries are sealed, maintenance-free Nickel-Cadmium for superior performance and long life.
- Provides 90 minutes of emergency operation.
- Batteries recharge per UL924 requirements.
- Self-testing in accordance with NFPA101
- Each unit comes standard with one tamper-proof driver bit. To order extra: part # 690.0454

## Suggested Specification

Supply and install the Emergi-Lite SVX Series LED exit signs. The signs shall be listed to UL924. The exit housing shall be molded polyvinyl chloride in either white or black. A universal mounting pattern shall be available on single face signs for back mounting to a wall or surface. All models shall come equipped with a canopy for ceiling or end mount applications. The faceplate and canopy shall have gasketing available for a secure, water-tight seal. Vandal proof screws shall be provided for securing the faceplate(s).

**Light Source:** Shall be high intensity, long-life light emitting diodes (LED's). LED's shall provide even illumination, at the same intensity during AC operation and in the the emergency mode. LED's shall be mounted within the exit housing but not along the face or wording. An LED sensitive ink diffuser shall be mounted on the face to provide full 3/4" letter stroke with even illumination. Red LED technology shall be **ALINGAP**.

**Self Powered Models:** Shall have a Nickel-Cadmium battery for long, maintenance-free life. In the emergency mode the battery shall provide a minimum of 90 minutes run time. Self Testing/Self diagnostics shall be standard on all self powered signs. The circuit shall have a single "service required" LED visible to the user. A detailed diagnostic display will be found internally to the unit and isolate the fault to the battery charger board or LED lamps. The self testing software will simulate a power failure and transfer the light source to the battery for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually in accordance with NFPA 101. The unit shall be supplied with an AC pilot light and a magnetic proximity test switch for manual testing.

The charger shall be fully automatic, solid state, temperature compensated and short circuit protected. The Emergi-Lite model number shall be \_\_\_\_\_.

## Optional Features

Description	Add Suffix
AC/DC (6-48Vdc).....	-DC
Cold Weather (-20°C)(-4°F) (Self-Powered) .....	-CW
2 Circuit (120/120 or 277/277).....	-2CKT*
Fire Alarm Activated Flasher (Self-Powered Only) .....	-FA
Flasher/Buzzer (Self-Powered Only).....	-FB
Canopy Pendant Mount .....	-CM
Special Wording (Contact Factory)	

\* AC Units only.

NOTE: Certain option combinations may effect the listing.  
Please contact the factory for specifics.

## Accessories (order as a separate item)

Tamper-Proof Bit .....	part # 690.0454
Convert single to double face, red .....	DFKR
Convert single face to double face, green .....	DFKG

## Power Consumption

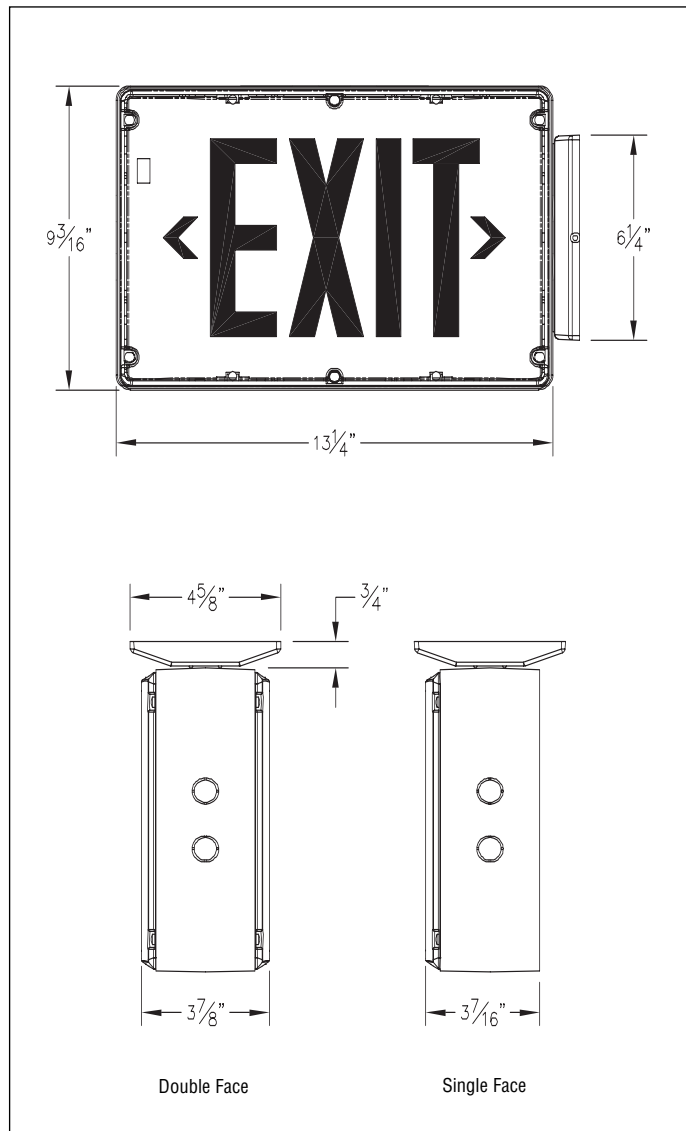
Model	AC Specs		DC Specs	
AC-only	120 to 277 Vac	1.2 W	-	-
AC/DC	120 to 277 Vac	1.2 W	6 to 24Vdc	Less than 1.5 W
Self-powered	120 to 277 Vac	3.7 W	NiCad battery	Min. 90 minutes

## How To Order (example)

BB	SVXN	1	R	- D	- 4X	- FA
<i>Color Option, Housing/Face</i>	<i>Series (120/277 Volt )</i>	<i>Faces</i>	<i>Legend colors</i>	<i>Diagnostics</i>	<i>Housing</i>	<i>Options</i>
<b>BB</b> = Black/Black	<b>SVX</b> = AC-only	<b>1</b> = Single face	<b>R</b> = Red	Standard on	NEMA 4X	See <i>Optional</i>
<b>BW</b> = Black/White	<b>SVXN</b> = Self-powered	<b>2</b> = Double face	<b>G</b> = Green	all self-powered	housing	<i>Features</i>
<b>BA</b> = Black/Aluminum	Nickel Cadmium Battery			Models	standard	
<b>GB</b> = Gray/Black						
<b>GW</b> = Gray/White						
<b>GA</b> = Gray/Aluminum						
<b>WB</b> = White/Black						
<b>WW</b> = White/White						
<b>WA</b> = White/Aluminum						

## Outline and Dimensions

Dimensions are approximate and subject to change.



## Unit Warranty\*

Unit carries a 5-year Full Warranty.

## Battery Warranty\*

Sealed Nickel-Cadmium Battery has a 10 year life expectancy and carries a 5-year Full Warranty, plus a 5-year pro rata warranty.

\*Subject to proper installation and maintenance