

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_



# Survive-All™ SVX-HZ Series

## Hazardous Location Exit Sign

SPEC GRADE

INDUSTRIAL

### Features

- Energy efficient: consumes less than 2.5 watts in any configuration. Exit sign illuminated by long-life, energy-efficient LEDs.
- Single face heavy-duty 1/8" thick aluminum back plate. Polyvinyl chloride frame, with built-in gasket to prevent water infiltration. Will not dent, peel, rust or corrode. The sealed, heavy-duty, vandal-resistant polycarbonate faceplate features an evenly illuminated legend. The fully gasketed faceplate is fastened with stainless steel tamper-resistant screws. Self contained; batteries and circuitry are located inside the exit housing.
- Available with sealed, maintenance-free Nickel-Cadmium batteries that provide 90 minutes of emergency operation. Batteries recharge per UL924 requirements.
- AC and Self-Powered models have universal, 2-wire input 120V to 277VAC 50/60Hz.
- Tamper-resistant, hermetically sealed magnetic test switch for Self-Powered models.
- Diagnostic / Self Test circuitry is standard on all Self-Powered models. This circuitry is programmed to ensure the exit sign's 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 that will further indicate the nature of the fault is located on the inside of the exit sign, out of sight from the general public. The self test will test the unit for a minimum of 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.
- Nexus® System wired or wireless compatible/
- Can be wall, end or ceiling mounted. Comes standard with an industrial-grade, Die-Cast aluminum electrical box. 1/2" electrical conduit entry on both sides and at the top. Each unit comes standard with one tamper-proof driver bit.
- Legend and chevron comply with UL requirements. Evaluated to the UL 844 standard for Class I Division 2, Groups A, B, C and D. Temperature Code: T6 (maximum 185°F/85°C). Evaluated to UL 924 and UL1598 standards. Suitable for cold-weather: -4°F/-20°C (Self-Powered model, "CW" option) and -40°F/-40°C (AC only).
- 5-year full warranty

### Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Tamper-Proof Bit (extra)	690.0454-E
Convert single to double face, red*	DFKR-GY
Convert single face to double face, green*	DFKG-GY

\* In the field

### Applications

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Manufacturing Plants</li> <li>• Chemical plants</li> <li>• Paint Shops</li> <li>• Gas Stations</li> </ul> | <ul style="list-style-type: none"> <li>• Moisture, Dirt or Dust Concerns</li> <li>• Oil Refineries</li> <li>• Wet or Corrosive Conditions</li> </ul> |
|--|--|

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

Diagnostic / Self Test 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. The detailed diagnostic display inside the exit sign will further indicate the nature of the fault. The self test will test the unit for the minimum 30 seconds each month, 30 minutes in every 60 days and 90 minutes annually.

### Suggested Specification

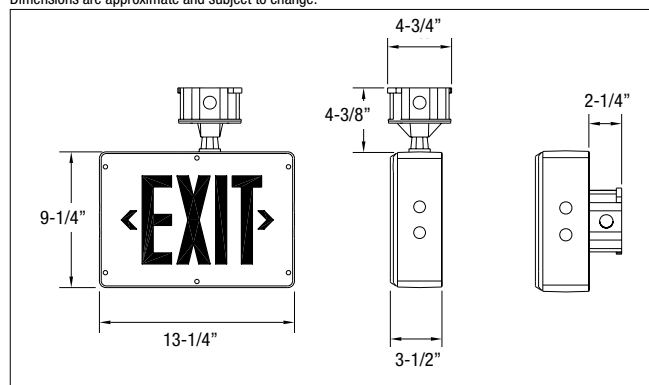
Supply and install **Emergi-Lite® SVX-HZ Series** LED exit signs. The equipment shall operate with universal two-wire AC input voltage from 120Vac to 277Vac at less than 2.5 Watts for single and double face signs. Designed specifically for hostile environments, the equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated legend. The light source shall be light emitting diodes (LED). Red LED technology shall be ALINGAP. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. The equipment shall be evaluated to the UL 844 standard for hazardous locations: Class I Division 2, Groups A, B, C and D with a temperature code T6 (Maximum 85°C). The equipment shall be designed specifically for high abuse areas, wet location, and cold weather (-20°C). The self-powered model shall stay illuminated during emergency operation for at least 90 min utes upon AC failure and shall include a magnetic test switch and selftesting / self-diagnostic functions. The self test will test the unit for 30 seconds each month for the first 5 months, 30 minutes in the 6th month, 30 seconds in months 7 through 11 and 90 minutes in the 12th month. A "Service required" lamp shall be located near the test switch and flash when a fault is detected. A two-LED diagnostic display shall be located inside the equipment and shall identify the eventual source of failure (battery, charger circuitry, or LED lamps).

The exit sign shall be evaluated to UL 924 and UL 1598 Standards.

The unit shall be **Emergi-Lite®** model: \_\_\_\_\_.

## 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.

## Power Consumption

Model	AC Specs		DC Specs	
AC-only red	120 to 277VAC	Less than 2W	—	—
AC-only green	120 to 277VAC	Less than 1.5W	—	—
Self-Powered red	120 to 277VAC	Less than 2W	Ni-Cd battery	Min. 90 minutes
Self-Powered green	120 to 277VAC	Less than 2.5W	Ni-Cd battery	Min. 90 minutes

\* Note: Cold-weather option does not consume additional power

## How to Order

COLOR OF BODY/FACE	SERIES	FACE	LEGEND	DIAGNOSTIC	OPTIONS
<b>GG</b> = Gray/gray	<b>SVXHZ</b> = AC only <b>SVXNHZ</b> = Self-Powered Ni-Cd	<b>1</b> = Single (ceiling/wall mount) <b>2</b> = Double (ceiling mount only)	<b>R</b> = Red <b>G</b> = Green	<b>-D</b> = Diagnostic (Self-Powered only) <b>-NEX</b> = NEXUS® wired (consult your sales representative) <b>-NEXRF</b> = NEXUS® wireless (consult your sales representative)	<b>Blank</b> = AC only <b>CW</b> = Cold weather (-4°F/-20°C for Self-Powered and -40°F/-40°C for AC only)

Example: **GGSVXNHZ2R-DCW**