

TYPE: _____
 CATALOG #: _____
 NOTES: _____



Survive-All™ SVXH Series

Hazardous Location Combination and Emergency Battery Unit

SPEC GRADE

INDUSTRIAL

Features

- Exit sign module is illuminated by long-life, energy-efficient LEDs. Fully field adjustable lamp head assembly comes standard with a selection of two (2) MR16 halogen lamps for optimum illumination over the path of egress. Lamps are shielded by a cast aluminum housing and a polycarbonate cover
- Rugged PVC body will not dent, peel or corrode. The sealed faceplate has a heavy-duty, vandal-resistant polycarbonate cover and is fastened with stainless steel tamper-resistant screws. The polyvinyl chloride frame has a built-in gasket to prevent water infiltration. The heavy-duty 1/8" thick aluminum back plate has keyholes for secure wall mount installation
- Available with sealed, maintenance-free Nickel-Cadmium, or Nickel-Metal Hydride batteries
- Fully automatic pulse charger offers 120/277VAC, 60Hz, current limiting temperature compensation, short circuit proof, low voltage battery disconnect, brownout protection and standard solid state transfer feature. The test switch is magnetically operated
- Advanced Diagnostic circuitry is standard on all Self-Powered models. This circuitry is programmed to ensure the combination unit'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
- Designed for wall-mount installation only with a 1/2" electrical conduit entry on both sides and at the top.
- Evaluated to UL 924 standard and to UL 844 standard for hazardous locations: Class I Division 2, Groups A, B, C and D. A range of lamp ratings are available for different temperature codes
- 5-year full warranty, excluding lamps and fuses

Diagnostic / Self Test Feature (Standard)

Diagnostic / Self Test circuitry is standard on all self-powered models. This circuitry is programmed to ensure the exit'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 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 a minimum 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.

Suggested Specification

Supply and install **Emergi-lite® SVXH Series** combination of unit equipment and LED exit sign. Designed specifically for hostile environments, the equipment frame shall be of industrial grade polyvinyl chloride with gaskets around both sides of the frame contour. The back plate shall be made of 1/8-inch thick aluminum sheet and shall include knock-outs for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy duty vandal-resistant polycarbonate and feature a uniformly 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. When specified, the equipment shall have attached a lower compartment containing two emergency lights with adjustable swivels and long-life MR-16 halogen lamps of _____V and _____ W. The lamps shall be shielded by cast aluminum housing and protected by a shock-absorbent, transparent polycarbonate cover. The equipment shall be evaluated for the UL 844 Standard for Hazardous Locations: Class I Division 2, Groups A, B, C and D. The standard AC input voltage shall be: 120/277VAC. The equipment shall be equipped with a magnetic test switch located behind the face plate and two LED pilot lights: AC-on and "Service required". The unit shall include self-testing / selfdiagnostic functions monitored. The self test will test the unit for a minimum of 30 seconds every 30 days, 30 minutes in the 6th months, 90 minutes annually. The "Service required" LED shall light when a fault is detected. A four-LED diagnostic display located inside the equipment shall identify the source of the failure (battery, charger circuitry, or lamp load).

Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Additional special bit for tamper-proof screws	690.0454-E

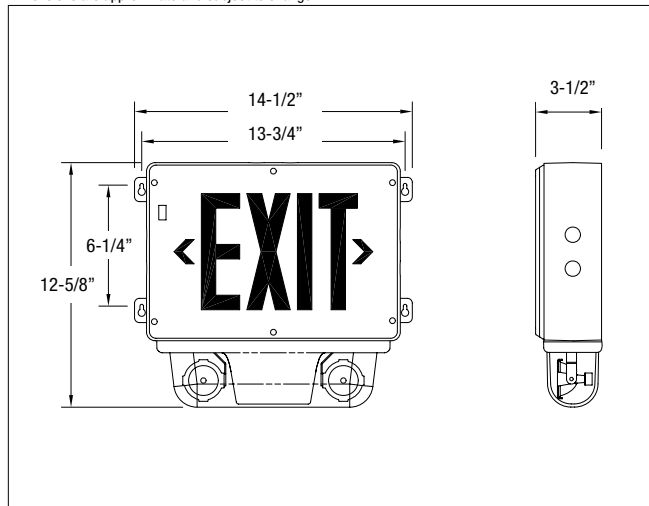
Applications

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

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

Temperature Codes

Lamp Rating	Temperature Code	Max. Temperature	Replacement Part #
6V-10W	T3C	320°F/160°C	580.0079-E
12V-12W	T3A	356°F/180°C	580.0080-E
12V-20W	T2D	419°F/215°C	580.0068-E
6V-4W LED	T4A	248°F/120°C	580.0097-E
12V-4W LED	T4A	248°F/120°C	580.0093-E
12V-5W LED	T4A	248°F/120°C	580.0104-E

Note: Use qualified replacement lamps to avoid risk of over-heating

Power Consumption Chart

Model	AC Input	Maximum		Stand-by		Unit Rating*			
		Current	Power	Current	Power	1 1/2 hrs	2 hrs	3 hrs	4 hrs
SVXH	120/277VAC	0.15/0.07A	16W	0.09/0.03A	8W	20	15	-	-
SVXH12N	120/277VAC	0.30/0.08A	29W	0.13/0.05A	10W	24	18	12	-
SVXH12H	120/277VAC	0.30/0.08A	29W	0.13/0.05A	10W	40	30	20	12

* Watts to 87-1/2% of rated battery voltage

How to Order

HOUSING/FACE COLOR	SERIES/CAPACITY	LEGEND COLOR	DIAGNOSTICS	# OF HEADS	LAMP TYPE/WATTAGE*
GG = Gray/gray	SVXH = 6V-20W, Ni-Cd SVXH12N = 12V-24W, Ni-Cd SVXH12H = 12V-40W, NiMH	R = Red G = Green	DA = Advanced Diagnostics (audible) D = Advanced Diagnostics (non-audible) NEX = NEXUS® wired* NEXRF = NEXUS® wireless*	Blank = 0 head* 2 = Two heads	LA = 6V-4W, MR16 LED LG = 12V-4W, MR16 LED LI = 12V-5W, MR16 LED MK = 12V-12W MR16 MJ = 6V-10W MR16 MW = 12V-20W MR16 IR high output

* Consult your sales representative

* A remote load must be connected

* No other lamp option available

Example: **GGSVXH12H2MJ**